PRELIMINARY DRAFT

Lead-Based Paint Inspection and Risk Assessment Report for Building # 3

at

Aleda E. Lutz Veteran Affairs Medical Center (VAMC)
1500 Weiss
Saginaw, MI

Prepared for

Mr. William Jerome
VAMC
GEMS Coordinator/Emergency Manager

Prepared by:

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1.0 Summary

Aleda E. Lutz Veteran Affairs Medical Center (VAMC) retained Earth Smart Environmental Solutions, LLC (ES2) to conduct a lead-based paint inspection and lead risk assessment at the VAMC located at 1500 Weiss Road in Saginaw, MI. Mr. William Jerome, GEMS Coordinator/Emergency Manger represented the VAMC (the owner) during this project.

Mr. Mark Dziadosz, a Certified Lead Inspector/Risk Assessor (Michigan Certificate # P-03969D) conducted lead-based paint inspection and risk assessment for the subject property from July 6, 2009 to July 13, 2009, he was assisted by Mrs. Elizabeth Cichon.

This report provides results from Building # 3 located at the VAMC campus. Building # 3 is currently an active office building and appears to be in good condition. The scope of work for the Building # 3 included a lead-based paint inspection for the basement, 1st floor, 2nd floor, roof, and the outside of Building # 3, and a risk assessment of each room/area where a positive result for lead was found during the inspection.

Laboratory analysis was provided by EMSL Analytical, 2001 East 52nd Street, Indianapolis, IN 46205 and they can be reached at (317) 803-2997. Their AIHA Environmental Lead Proficiency Analytical Testing (ELPAT) Program Accreditation number is #157245.

The lead-based paint inspection of the Building #3 indicated that several components on both the 1st and 2nd floors of the building, the basement, and the exterior of the building contain lead-based paint. A lead risk assessment conducted for the areas where lead-based paint is present concluded that only the basement had concentration of lead in dust above the hazard levels. Details of the lead-based paint inspection and lead risk assessment scope of work, procedures, results and conclusion are discussed in subsequent sections of this report.

Appendix A provides the scope of work provided by the VAMC.

2.0 Procedures

In conducting lead inspections, ES2 follows procedures outlined in Chapter 7 of the Department of Housing and Urban Development (HUD) "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing" and the "XRF Performance Characteristics Sheet for the Niton Corporation: XL-300 Spectrum Analyzer" developed by HUD and the EPA.

ES2's investigation of the building consisted of breaking it down into separate functional areas. For the testing of paint, each functional area is then broken down into different building components, according to the various colors and substrates. Within each separate room, or functional area, each painted surface is tested. ES2 tested only permanent painted building components. The following is a list of most commonly tested features: walls, door components, window components, stair components, ceilings, floors, pipes, radiators, hand rails, guard rails, ladders, ductwork, columns, and beams.

Lead-based paint is defined as paint that contains 1.0 mg/cm^2 or 0.5 % by weight of lead, a level set by the Housing and Urban Development (HUD) Program and the Environmental Protection Agency (EPA). However, in 1992 OSHA passed standards for the construction industry for lead containing materials including paint (29 CFR 1926.62). This regulation describes the procedures that must be implemented to protect workers from disturbing lead materials during such activities as demolition, renovation, construction, alteration, or repair of buildings where lead may be present. Unlike the HUD and EPA standard of 1.0 milligrams per square centimeter, or 0.5 percent by weight as the concentration considered positive for lead, OSHA's Lead Standard uses any lead level as response for construction and demolition activities which might produce large amounts of construction/lead dusts. Therefore, materials containing lead below 1.0 mg/cm^2 are not necessarily safe to sand, demolish or otherwise disturb in manners that may produce dust, which could be ingested or inhaled.

For the purpose of this project, the HUD and EPA standard of 1.0 mg/cm^2 will be used.

Lead Risk Assessments are conducted to establish lead hazards within a facility. Title X of 1992 of the Housing and Community Development Act covers lead hazards and defines them as:

- Lead paint that is in poor condition or deteriorated as defined by Title X.
- Friction surfaces i.e. sliding windows, rubbing doors that have lead based paint with associated dust levels that exceed the safe limits set forth.
- Impact surfaces i.e. door jambs, window troughs that have lead based paint and have impact caused by another building component.
- Any chewable surfaces with evidence of teeth marks that have lead based paint.
- Lead contaminated dust that exceeds the safe levels set forth.
- Lead contaminated soil that exceeds the safe levels set forth.

3.0 Lead-based paint inspection

Mr. Mark Dziadosz assisted by Ms. Elizabeth Cichon, conducted the lead inspection and risk assessment of Building #3 from July 6th to July 13th, 2009. A lead inspection is a surface-by-surface identification of lead containing components using XRF lead paint analyzer.

The X-Ray Fluorescence (XRF) machine utilized for lead-based paint inspection on this project was a Niton XL 300 Lead Analyzer, Serial Number U4323NR5841.

Appendix B provides the Performance Characteristic Sheet for the XRF used on this project.

Several building components on both floor levels, in the basement, and on the exterior of Building #3 were found to contain lead-based paint.

Appendix C provides XRF results with positive results shown in red.

4.0 Visual inspection and risk assessment

Rooms are numbered based upon stickers on door jambs as requested by the client. SP2-3 would be room 2 in building 3. In halls where no room number was available, one was created based upon closest room number and a (H). To describe locations of components on the XRF the standard of "A" was used for the address side of the building (or the side where the building number is posted), "B" would be the next side going clockwise and so on for "C" and "D".

4.1 Visual inspection

ES2 assessed all interior and exterior areas within Building #3. Most paint in the building was found in intact condition. ES2 used HUD guidelines as described below for the categories of paint film quality on building components.

Type of building component	Intact	Fair	Poor
Exterior components with large surface areas	Entire surface is intact	Less than or equal to 10 ft^2	More than 10 ft^2
Interior components with large surface areas	Entire surface is intact	Less than or equal to 2 ft^2	More than 2 ft^2
Interior and exterior components with small surface areas	Entire surface is intact	Less than or equal to 10% of the total surface area of the component	More than 10% of the total surface area of the component

Only components that had a positive lead result (per HUD regulations greater than or equal to 1.0 mg/cm^2) were assessed for their condition. The following building components that tested positive for lead-based paint were found to be in poor condition.

Basement

- SP2-3 gray metal pipe
- SP2-3 gray metal hanger
- SP4-3 gray metal conduit
- SP5-3 red metal window casing
- SP1-3 asbestos insulated gray pipe
- SP1-3 white metal pipe
- SP1-3 gray metal window casing

First floor

- SP101-3 white wood window sill
- SP106-3 white wood window sill
- SP100-3(H) green wood roof access
- SP103-3 white wood window sill

Second floor

- SP206-3(H) white wood door
- SP210-3 white wood window sill
- SP202-3 white wood window sill

Outside

- Outside black metal handrail cage

Refer to Appendix C for the location and quantity of these building components

All other building components that were positive for lead were in intact condition.

There may be additional building components present above plaster ceilings that could not be accessed for this lead inspection and risk assessment.

4.2 Risk assessment

As requested by the client, a risk assessment was performed in each room that had a positive result on the XRF for lead. Dust wipe samples were collected according to HUD guidelines, as follows:

- An area located on the surface to be sampled is measured and marked.
- A single approved sampling wipe is opened with gloved hand and wiped across the sampling area in a series of "S" patterns.
- The wipe is then placed into a container labeled with the site location identification and sample location.
- Samples are analyzed by EMSL Analytical laboratory. The results are reported in micrograms per square foot ($\mu g/ft^2$).

The standard for dust wipes on a floor is 40 $\mu g/ft^2$, on a window sill is 250 $\mu g/ft^2$, and in a window trough or window well is 400 $\mu g/ft^2$.

Samples were labeled using the same room numbering system as the visual inspection followed by 1W for a floor sample and 2W for a window sill sample.

The following dust wipe samples tested above the standard for lead.

- SP2-3-1W floor
- SP7-3-1W floor
- SP6-3-1W floor
- SP8-3-1W floor
- SP3-3-1W floor
- SP4-3-1W floor
- SP5-3-1W floor
- SP1-3-1W floor
- SP5-3-2W window sill
- SP1-3-2W window sill
- SP1-3(H)-1W floor

Appendix D provides dust wipe results and the location of these hazards.

As part of the risk assessment and at the request of the client, soil samples were collected. Samples were collected as a composite drip line sample and a composite bare soil sample.

Acceptable lead soil levels are as follow: 400 mg/kg for play areas and 1,200 mg/kg for other parts of the yard.

Soil samples for Building #3 did not exceed the 400 mg/kg or 1200 mg/kg standard levels for lead in soil.

Refer to Appendix D for soil sampling results.

Based on the results of the lead-based paint inspection and risk assessment, ES2 recommends that the following items be addressed immediately to reduce the risk of lead exposure:

Basement

Room Number	Building Component	Lead-based Paint Color	Area (square feet)	Recommended Action
SP2-3	Hangers	Gray	15 hangers	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)
SP2-3	Pipe	Gray	8	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)
SP5-3	Window Frame	Red	2	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)
SP1-3	Pipe	Gray	45	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)
SP1-3	Pipe	White	51	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)
SP1-3	Window Frame	Gray	2	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)
SP1-3 (H)	Ceiling above stairs	White	90	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)

SP1-3 (H)	Electrical Box	White	1	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)
SP1-3 (H)	Stair Riser	Red	45	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)
SP1-3 (H)	Stair Baseboard	Red	25	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)
Entire basement	Floor, windows and all components with visible dust		2,278	Remove equipment, supplies & miscellaneous items; clean all components including floor and window sill for dust

1st floor

Room Number	Building Component	Lead-based Paint Color	Area (square feet)	Recommended Action
SP106-3	Window Sill	White	6	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)
SP103-3	Window Sill	White	5	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)

2nd Floor

Room Number	Building Component	Lead-based Paint Color	Area (square feet)	Recommended Action
SP206-3(H)	Door	White	100	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint), or replace door
SP210-3	Window Sill	White	4	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)
SP100-3(H)	Roof Access Hatch	Green	6	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)

Outside

Room Number	Building Component	Lead-based Paint Color	Area (square feet)	Recommended Action
Outside – Side C	Handrail Cage	Black	80	Paint stabilization (remove loose/damaged paint and apply new protective coating or paint)

These recommendations are based on the interim controls required to address lead-based paint in poor condition in Building #3. This does not include components with lead-based paint that are in intact condition. There may be other components that were not accessible at the time of inspection, which may require abatement or interim control. The actions recommended above must be performed by a certified lead abatement contractor.

Refer to Section 7.0 for the cost estimate.

5.0 Findings

The following paragraphs describe the positive results for lead confirmed by the XRF readings and dust wipes collected from Building #3 at the VAMC campus.

5.1 XRF testing results

In Building #3 there were several painted components that tested positive for lead per the XRF. These components include: pipes, conduits, hangers, door jambs, doors, electrical boxes, cages, window frames, window sills, radiators, ceilings and ceiling decks, stair risers, stair baseboards, closet doors, closet door shelves, banisters, decorative molding, roof access (including hatch and frame), baseboards, and rafters. On the outside of the building, the following painted components tested positive for lead: poles, metal plates, porch ceiling, windows, handrail cage, vent board, and a metal square.

Refer to Appendix C to find the approximate location, color, and quantity of these components.

Refer to Appendix H to find the raw data table produced by the XRF.

5.2 Dust wipe sample results

In each room where a component tested positive for lead by the XRF, a dust wipe sample was collected on the floor and from a window sill when there was a window present (window troughs were not sampled because windows were metal and not painted). In Building #3 dust wipes collected from the basement showed presence of lead above the hazard level of 40 $\mu g/ft^2$ for dust on floor and 250 $\mu g/ft^2$ for dust on a window sill. The dust wipe samples from the basement exceeding the hazard levels ranged from 320 $\mu g/ft^2$ to 6000 $\mu g/ft^2$ of lead. Dust wipe sample results for both 1st and 2nd floor of the building were below the hazard levels.

Refer to Appendix D for the approximate location of the dust wipe samples.

Appendix E contains drawings for each floor with positive XRF and dust wipe sample locations.

Appendix G contains laboratory results and chains-of-custody.

5.3 Soil sample results

Soil samples for Building #3 did not exceed the 400 mg/kg or 1200 mg/kg standard levels for lead in soil. Two composite soil sample collected from the Building #3 site were below the 40 mg/kg reportable detection limit for lead.

6.0 Lead hazard control plan & re-evaluation schedule

All painted components require periodic re-evaluation and monitoring. Re-evaluation typically is scheduled on a bi-annual basis but more frequent re-evaluations may be required depending on site conditions. All painted surfaces must remain in good, intact condition. Painted surfaces that are peeling, cracking, blistering, or causing dust from friction or impact must be corrected immediately to prevent hazardous exposure to possible lead-based paint sources. All repairs must follow HUD guidelines for the interim control and abatement of lead-based paint hazards.

As an interim control option for the components stated in Section 4.0, prior to applying new paint, all loose paint and materials shall be removed from the surface by wet scraping or wet sanding. Power sanding can be performed in conjunction with a HEPA filtered local exhaust attachment. (Dry sanding or dry scraping is only permitted in accordance with 24 CFR 35.140 and for reasons due to electrical safety.) Paint stabilization shall include the application of a new protective coating or paint. All protective coatings and paints shall be applied in accordance with the manufacture's recommendations and in accordance with 24 CFR 35.1330 (b). A permanent solution may be the abatement of all lead based paint in accordance with 24 CFR 35.1325. ES2 recommends that all components listed in Section 4.0 must be abated of all lead-based paint or fully encapsulated to minimize exposure risk and must also be re-evaluated.

Appendix F contains interim control measures and re-evaluation schedule.

7.0 Cost estimate

As requested by the client, ES2 has prepared a cost estimate of the items that require immediate attention. The cost is estimated only for the components listed in Risk Assessment - Section 4.2 of this report. If requested, full abatement cost of all lead-based paint present in the building is provided in Appendix I.

Floor	Estimated cost for paint stabilization	Clearance sampling & third party certification
2nd floor	$1,000.00 (replace door & paint stabilization for window sill)	$2,000.00
1st floor	$2,000.00	$2,500.00
Basement	$20,000.00	$5,000.00
Basement (dust cleanup)	$10,000.00	$2,000.00
Outside	$6000.00	$2,000.00
Estimated Total Cost	**$39,000.00**	**$11,500.00 plus any cost for project management, specification preparation, hosting bid walk, etc.**

Cost is based upon an estimate cost of $100 per square foot for paint stabilization. Any component that can be replaced, such as doors, replacement cost is estimated rather than stabilization.

Please note that the actual cost could be lower or higher depending on the actual area abated and cleaned.

8.0 Closing

This inspection and risk assessment was conducted by a certified Lead Inspector and Risk Assessor for the benefit of the VAMC. The lead-based painted components identified in this report must be addressed using interim controls or abatement options discussed in this report. Reevaluation schedule must be followed if interim control measures are used. After cleaning, paint film stabilization and /or abatement work is completed, clearance dust samples must be collected to make sure that the building is lead-safe.

Mark Dziadosz
Certified Lead Inspector/Risk Assessor #P-03969D
BS Natural Resources and Environment
Earth Smart Environmental Solutions, LLC

Appendix A:
Scope of work

Lead Assessment Scope of Work 3/19/2009

Services required:

Lead Identification by a independent contractor of all Medical Center buildings at 1500 Weiss ST, Saginaw MI 48602:

a. Contractor shall perform Lead Identification. Suspected lead-containing materials have to be evaluated by a test. Lead identification shall be accomplished by X-Ray Fluorescence (XRF) technology only. Inspectors shall be EPA certified for lead assessments.

b. Contractor shall provide a copy of the EPA certifications for each person who will be performing the inspections and evaluations to the COTR prior to assessment.

c. The XRF test shall be completed in accordance to the EPA regulations (40 CFR Part 745.226-227), HUD regulations (24 CFR 35.92), OSHA regulations(29 CFR Parts 1926.62 and 1910.1025) and state and local regulations

d. A report with data results from all the analysis shall be provided to the VA Medical Center Saginaw COTR in paper and electronic form. Data shall be provided and organized by the VAMC Room number/building location i.e. 71-1, the first number is the room number and the second number is the building number.

e. The report shall include simple schematics. Simple schematics (optimal view: plan view, elevation, and/or sectional view) of each area being assessed shall show all test locations in addition to areas with positive readings for lead.

f. A line by line summary of areas testing positive for lead shall be provided including a remediation cost estimate for each.

g. A cumulative abatement cost estimate with total square footage, and location of affected areas testing positive for lead shall be provided.

h. A risk assessment with recommended actions shall be provided for each room testing positive for lead.

i. Contractor shall assess all internal and external areas of the Medical Center buildings and structures located at 1500 Weiss St. except Building 22 and Building 30. The estimated area to be assessed is approximately 270,000 SQ FT and other structures.

Appendix B:
XRF Performance Characteristic Sheet

Performance Characteristic Sheet

EFFECTIVE DATE: **September 24, 2004** **EDITION NO.: 1**

MANUFACTURER AND MODEL:

Make: *Niton LLC*
Tested Model: *XLp 300*
Source: ^{109}Cd
Note: This PCS is also applicable to the equivalent model variations indicated below, for the Lead-in-Paint K+L variable reading time mode, in the XLi and XLp series:

XLi 300A, XLi 301A, XLi 302A and XLi 303A.
XLp 300A, XLp 301A, XLp 302A and XLp 303A.
XLi 700A, XLi 701A, XLi 702A and XLi 703A.
XLp 700A, XLp 701A, XLp 702A, and XLp 703A.

Note: The XLi and XLp versions refer to the shape of the handle part of the instrument. The differences in the model numbers reflect other modes available, in addition to Lead-in-Paint modes. The manufacturer states that specifications for these instruments are identical for the source, detector, and detector electronics relative to the Lead-in-Paint mode.

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Lead-in-Paint K+L variable reading time mode.

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film).

If readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

SUBSTRATE CORRECTION:

For XRF results using Lead-in-Paint K+L variable reading time mode, substrate correction is <u>not</u> needed for:

Brick, Concrete, Drywall, Metal, Plaster, and Wood

INCONCLUSIVE RANGE OR THRESHOLD:

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm^2)
Results not corrected for substrate bias on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted in August 2004 on 133 testing combinations. The instruments that were used to perform the testing had new sources; one instrument's was installed in November 2003 with 40 mCi initial strength, and the other's was installed June 2004 with 40 mCi initial strength.

OPERATING PARAMETERS:

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Substrate correction is not needed for brick, concrete, drywall, metal, plaster or wood when using Lead-in-Paint K+L variable reading time mode, the normal operating mode for these instruments. If substrate correction is desired, refer to Chapter 7 of the HUD Guidelines for guidance on correcting XRF results for substrate bias.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing. Use the K+L variable time mode readings.

Conduct XRF retesting at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below.

Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family housing a result is defined as the average of three readings. In multifamily housing, a result is a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF results.

Compute the average of all ten re-test XRF results.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

For the Lead-in-Paint K+L variable reading time mode, the instrument continues to read until it is moved away from the testing surface, terminated by the user, or the instrument software indicates the reading is complete. The following table provides testing time information for this testing mode. The times have been adjusted for source decay, normalized to the initial source strengths as noted above. Source strength and type of substrate will affect actual testing times. At the time of testing, the instruments had source strengths of 26.6 and 36.6 mCi.

Testing Times Using K+L Reading Mode (Seconds)						
	All Data			Median for laboratory-measured lead levels (mg/cm^2)		
Substrate	25^{th} Percentile	Median	75^{th} Percentile	Pb < 0.25	0.25 ≤ Pb<1.0	1.0 ≤ Pb
Wood Drywall	4	11	19	11	15	11
Metal	4	12	18	9	12	14
Brick Concrete Plaster	8	16	22	15	18	16

CLASSIFICATION RESULTS:

XRF results are classified as positive if they are greater than or equal to the threshold, and negative if they are less than the threshold.

DOCUMENTATION:

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

This XRF Performance Characteristic Sheet was developed by the Midwest Research Institute (MRI) and QuanTech, Inc., under a contract between MRI and the XRF manufacturer. HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing.*

Appendix C:
XRF sample results

ALEDA E. LUTZ
DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER
BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
ROOM SP2-3										
1			SHUTTER CALIBRATION							
2			CALIBRATION				1.03 +/- .12			
3			CALIBRATION				0 +/- 0.1			
4			CALIBRATION				.31 +/- .09			
5	3	SP2-3	WALL	CONCRETE	GRAY	A	0.01 +/- 0.08			
6	3	SP2-3	WALL	CONCRETE/FIRE BRICK	TAN	B	0.1 +/- 0.2			
7	3	SP2-3	WALL	CONCRETE	GRAY	C	0.9 +/- 0.9			
8	3	SP2-3	WALL	CONCRETE	GRAY	D	0.0 +/- 0.01			
9	3	SP2-3	WALL	CONCRETE/FIRE BRICK	TAN	D	0.13 +/- 0.09			
10	3	SP2-3	WALL	CONCRETE/FIRE BRICK	TAN	C	.1 +/- .2			
11	3	SP2-3	FLOOR	CONCRETE	RED		0.03 +/- 0.06			
12	3	SP2-3	CEILING	CONCRETE	GRAY		0.1 +/- 0.9			
13	3	SP2-3	PIPE	METAL	GRAY	CEILING	27	4	POOR	Abatement or Encapsulation of all Lead Based Paint
14	3	SP2-3	PIPE	METAL	GRAY	CEILING	16	4	POOR	Abatement or Encapsulation of all Lead Based Paint
15	3	SP2-3	PIPE	METAL/ASBESTOS INSULATION	GRAY	CEILING	26 +/- 8	90	INTACT	Abatement or Encapsulation of all Lead Based Paint
16	3	SP2-3	CONDUIT	METAL	WHITE	CEILING	0.00 +/- 0.01			
17			VOID							
18	3	SP2-3	CONDUIT	METAL	GRAY	CEILING	2.0 +/- 0.5	8	INTACT	Abatement or Encapsulation of all Lead Based Paint
19	3	SP2-3	HANGER	METAL	GRAY	CEILING	2.5 +/- 8.3	15 HANGERS	POOR	Abatement or Encapsulation of all Lead Based Paint
ROOM SP7-3										
20	3	SP7-3	WALL	CONCRETE	GRAY	A	0.02 +/- 0.11			
21	3	SP7-3	WALL	CONCRETE	GRAY	C	0.4 +/- .9			
22	3	SP7-3	CEILING	CONCRETE	GRAY		0.0 +/- 0.1			

ALEDA E. LUTZ
DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER
BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
23	3	SP7-3	PIPE	METAL	BLACK	CEILING	0.0 +/- 0.1			
24	3	SP7-3	PIPE	METAL/ASBESTOS INSULATION	GRAY	CEILING	13 +/- 5.2	65	INTACT	Abatement or Encapsulation of all Lead Based Paint
25	3	SP7-3	HANGER	METAL	GRAY	CEILING	30 +/- 9	18 HANGERS	INTACT	Abatement or Encapsulation of all Lead Based Paint
26	3	SP7-3	CONDUIT	METAL	GRAY	CEILING	2.2 +/- .7	5	INTACT	Abatement or Encapsulation of all Lead Based Paint
ROOM SP6-3										
27	3	SP6-3	WALL	CONCRETE	GRAY	C	0.0 +/- .05			
28	3	SP6-3	WALL	CONCRETE	GRAY	D	0.0 +/- .06			
29	3	SP6-3	DOOR	WOOD	WHITE	C	.08 +/- .11			
30	3	SP6-3	DOOR FRAME	WOOD	GRAY	C	.065 +/- .15			
31	3	SP6-3	DOOR JAMB	WOOD	WHITE	C	3.6 +/- 1.8	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
32	3	SP6-3	PIPE	METAL/ASBESTOS INSULATION	GRAY	CEILING	21 +/- 3.4	35	INTACT	Abatement or Encapsulation of all Lead Based Paint
33	3	SP6-3	HANGER	METAL	GRAY	CEILING	18 +/- 7.7	9	INTACT	Abatement or Encapsulation of all Lead Based Paint
34	3	SP6-3	WALL	CONCRETE	GRAY	A	0 +/- .01			
35	3	SP6-3	CONDUIT	METAL	GRAY	CEILING	1.7 +/- .4	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
ROOM SP8-3										
36	3	SP8-3	WALL	CONCRETE	WHITE	A	.04 +/- .07			
37	3	SP8-3	WALL	CINDER BLOCK	WHITE	B	.02 +/- .25			
38	3	SP8-3	WALL	CONCRETE	WHITE	B	.1 +/- .8			
39	3	SP8-3	WALL	CONCRETE	WHITE	C	.01 +/- .02			
40	3	SP8-3	DOOR	WOOD	WHITE	C	.18 +/- .23			
41	3	SP8-3	WALL	WOOD	WHITE	B	.1 +/- .1			
42	3	SP8-3	CEILING	CONCRETE	WHITE		.01 +/- .02			
43	3	SP8-3	FLOOR	CONCRETE	RED		.17 +/- .12			

ALEDA E. LUTZ
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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
44	3	SP8-3	PIPE	METAL	WHITE	CEILING	5.1 +/- 1.8	11	INTACT	Abatement or Encapsulation of all Lead Based Paint
45	3	SP8-3	HANGER	METAL	WHITE	CEILING	3.2 +/- 1.0	15	INTACT	Abatement or Encapsulation of all Lead Based Paint
46	3	SP8-3	PIPE	METAL/ASBESTOS INSULATION	WHITE	CEILING	14 +/- 5.4	36	INTACT	Abatement or Encapsulation of all Lead Based Paint
47	3	SP8-3	CONDUIT	METAL	WHITE	CEILING	3.1 +/- .09	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
48	3	SP8-3	WALL	CONCRETE	BLACK	B	0 +/- .01			
57	3	SP8-3	WALL	CONCRETE	GRAY	A	.01 +/- .02			
ROOM SP3-3										
58	3	SP3-3	FIRE ALARM BOX	METAL	RED	A	.00 +/- .03			
59	3	SP3-3	PIPE	METAL/ASBESTOS INSULATION	GRAY	CEILING	15 +/- 6.2	50	INTACT	Abatement or Encapsulation of all Lead Based Paint
60	3	SP3-3	PIPE	METAL	ORANGE	CEILING	3.9 +/- .06	6	INTACT	Abatement or Encapsulation of all Lead Based Paint
61	3	SP3-3	CONDUIT	METAL	GRAY	CEILING	2.8 +/- .8	18	INTACT	Abatement or Encapsulation of all Lead Based Paint
62	3	SP3-3	WALL	CINDER BLOCK	TAN	B	.1 +/- .8			
63	3	SP3-3	WALL	CINDER BLOCK	TAN	C	.1 +/- .2			
64	3	SP3-3	CEILING	CONCRETE	GRAY		0 +/- .04			
65	3	SP3-3	ELECTRICAL BOX	METAL	GRAY	A	5.1 +/- 1.9	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
66	3	SP3-3	WALL	CINDER BLOCK	TAN	D	.06 +/- .6			
67	3	SP3-3	WALL	CINDER BLOCK	TAN	A	.1 +/- .2			
68	3	SP3-3	PANEL	METAL	BLACK	A	.01 +/- .04			
69	3	SP3-3	PIPE	METAL	GRAY	CEILING	.05 +/- .06			
70	3	SP3-3	CAGE	METAL	GRAY	C	2.4 +/- .6	100	INTACT	Abatement or Encapsulation of all Lead Based Paint
71	3	SP3-3	PIPE	METAL	GREEN	CEILING	.05 +/- .06			
72	3	SP3-3	HANGER	METAL	GRAY	CEILING	5.1 +/- 1.6	12	INTACT	Abatement or Encapsulation of all Lead Based Paint
73			VOID							
ROOM SP4-3										

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
74	3	SP4-3	WALL	CONCRETE	GRAY	A	.04 +/- .09			
75	3	SP4-3	WALL	CONCRETE	GRAY	B	0 +/- .12			
76	3	SP4-3	WALL	CONCRETE	GRAY	C	0 +/- .01			
77	3	SP4-3	DOOR	WOOD	WHITE	C	4.3 +/- 1.2	20	INTACT	Abatement or Encapsulation of all Lead Based Paint
78	3	SP4-3	DOOR JAMB	WOOD	WHITE	C	4.0 +/- 1.4	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
79	3	SP4-3	PIPE	METAL	GRAY	CEILING	5.1 +/- 1.7	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
80	3	SP4-3	HANGER	METAL	GRAY	CEILING	22 +/- 7.4	10	INTACT	Abatement or Encapsulation of all Lead Based Paint
81	3	SP4-3	CONDUIT	METAL	GRAY	CEILING	2.9 +/- .8	21	POOR	Abatement or Encapsulation of all Lead Based Paint
82	3	SP4-3	PIPE	METAL/ASBESTOS INSULATION	GRAY	CEILING	15 +/- 2.9	65	INTACT	Abatement or Encapsulation of all Lead Based Paint
ROOM SP5-3										
83	3	SP5-3	WALL	CONCRETE	GRAY	B	.5 +/- 1.1			
84	3	SP5-3	WINDOW FRAME	METAL	RED	B	1.4 +/- .3	2	POOR	Abatement or Encapsulation of all Lead Based Paint
85	3	SP5-3	WALL	CONCRETE	GRAY	C	.2 +/- .04			
86	3	SP5-3	DOOR	WOOD	WHITE	B	.02 +/- .06			
87	3	SP5-3	WALL	CONCRETE	GRAY	A	0 +/- .07			
ROOM SP1-3										
88	3	SP1-3	CEILING	CONCRETE	WHITE		.3 +/- 1.0			
89	3	SP1-3	WALL	WOOD	WHITE	A	0 +/- 1.2			
90	3	SP1-3	WALL	WOOD	WHITE	B	0 +/- .01			
91	3	SP1-3	WALL	CINDER BLOCK	WHITE	C	.2 +/- .8			
92	3	SP1-3	CONDUIT	METAL	WHITE	CEILING	.4 +/- .6			
93	3	SP1-3	PIPE	METAL	GRAY	CEILING	21 +/- 7.6	40	INTACT	Abatement or Encapsulation of all Lead Based Paint
94	3	SP1-3	PIPE	METAL/ASBESTOS INSULATION	GRAY	CEILING	28 +/- 8.4	45	POOR	Abatement or Encapsulation of all Lead Based Paint
95	3	SP1-3	WALL	CINDER BLOCK	TAN	D	.1 +/- .2			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
96	3	SP1-3	WALL	CONCRETE	BLACK	D	0 +/- .14			
97	3	SP1-3	PIPE	METAL	WHITE	CEILING	12 +/- 2.5	51	POOR	Abatement or Encapsulation of all Lead Based Paint
98	3	SP1-3	PIPE	METAL/ASBESTOS INSULATION	WHITE	CEILING	16 +/- 6.4	55	INTACT	Abatement or Encapsulation of all Lead Based Paint
99	3	SP1-3	CABINET DOOR	WOOD	WHITE	C	.04 +/- .08			
100			VOID							
101	3	SP1-3	CABINET DOOR	WOOD	WHITE	C	.04 +/- .1			
102	3	SP1-3	CAGE	METAL	WHITE	A	1.7 +/- .4	100	INTACT	Abatement or Encapsulation of all Lead Based Paint
103	3	SP1-3	WINDOW SILL	CONCRETE	WHITE	C	2.0 +/- .9	2	INTACT	Abatement or Encapsulation of all Lead Based Paint
104	3	SP1-3	DOOR	WOOD	WHITE	A	.02 +/- .12			
105	3	SP1-3	WALL	CONCRETE	GRAY	D	.16 +/- .07			
106	3	SP1-3	RADIATOR	METAL	WHITE	CEILING	14 +/- 6.4	5	INTACT	Abatement or Encapsulation of all Lead Based Paint
107	3	SP1-3	WINDOW FRAME	METAL	GRAY	C	16 +/- 6.5	2	POOR	Abatement or Encapsulation of all Lead Based Paint
108	3	SP1-3	FLOOR	CONCRETE	GRAY		.14 +/- .06			
109	3	SP1-3	WALL	CONCRETE	GRAY	C	21 +/- 4	60	INTACT	Abatement or Encapsulation of all Lead Based Paint
110	3	SP1-3	WALL	CONCRETE	GRAY	D	22 +/- 8.6	100	INTACT	Abatement or Encapsulation of all Lead Based Paint
111	3	SP1-3	DOOR	WOOD	GRAY	A	.14 +/- .13			
112	3	SP1-3	WALL	CONCRETE	GRAY	A	.1 +/- .16			
113	3	SP1-3	HANGER	METAL	WHITE	CEILING	14 +/- 6.1	18	INTACT	Abatement or Encapsulation of all Lead Based Paint
114			CALIBRATE				1.19 +/- .13			
115			CALIBRATE				0 +/- .11			
116			CALIBRATE				.31 +/- .09			
117			SHUTTER CALIBRATION							
ROOM SP1-3(H)										
118			CALIBRATE				1.08 +/- .13			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
119			CALIBRATE				.02 +/- .05			
120			CALIBRATE				0 +/- .01			
121			CALIBRATE				.3 +/- .1			
122	3	SP1-3(H)	WALL	CONCRETE	WHITE	B	.02 +/- .08			
123	3	SP1-3(H)	WALL	CINDER BLOCK	WHITE	B	.07 +/- .22			
124	3	SP1-3(H)	CEILING (ABOVE STAIRS)	METAL	WHITE		2.1 +/- .5	90	POOR	Abatement or Encapsulation of all Lead Based Paint
125	3	SP1-3(H)	WALL	CONCRETE	WHITE	D	.3 +/- 1.0			
126	3	SP1-3(H)	WALL	CINDER BLOCK	WHITE	D	.2 +/- .21			
127	3	SP1-3(H)	HANDRAIL	WOOD	VARNISH	D	.2 +/- .23			
128	3	SP1-3(H)	WALL	CINDER BLOCK	WHITE	A	.04 +/- .21			
129	3	SP1-3(H)	DOOR	METAL	WHITE	A	0 +/- .01			
130	3	SP1-3(H)	DOOR FRAME	METAL	WHITE	A	.09 +/- .2			
131	3	SP1-3(H)	ELECTRICAL BOX	METAL	WHITE	B	5.1 +/- 1.8	1	POOR	Abatement or Encapsulation of all Lead Based Paint
132	3	SP1-3(H)	STAIR RISER	METAL	RED		3.0 +/- 1.3	45	POOR	Abatement or Encapsulation of all Lead Based Paint
133	3	SP1-3(H)	STAIR BASEBOARD	METAL	RED	D	5.1 +/- 1.8	25	POOR	Abatement or Encapsulation of all Lead Based Paint

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
ROOM SP200-3										
110	3	SP200-3	CEILING	PLASTER	WHITE		.33 +/- .21			
111	3	SP200-3	CONDUIT	METAL	WHITE	CEILING	0 +/- .13			
112	3	SP200-3	LIGHT FIXTURE	WOOD	VARNISH	CEILING	0 +/- .01			
113	3	SP200-3	CABINET DOOR	WOOD	VARNISH	D	0 +/- .12			
114	3	SP200-3	CABINET WALL	WOOD	VARNISH	D	0 +/- .01			
ROOM SP200-3(H)										
115	3	SP200-3(H)	WALL	PLASTER	WHITE	A	.1 +/- .15			
116	3	SP200-3(H)	WALL	PLASTER	WHITE	B	.22 +/- .11			
117	3	SP200-3(H)	DOOR	WOOD	WHITE	B	2.6 +/- .6	25	INTACT	Abatement or Encapsulation of all Lead Based Paint
118	3	SP200-3(H)	DOOR JAMB	METAL	WHITE	B	.02 +/- .25			
119	3	SP200-3(H)	WALL	PLASTER	WHITE	C	0.33 +/- 0.54			
120	3	SP200-3(H)	BASEBOARD	WOOD	WHITE	C	8.03 +/- 2.30	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
121	3	SP200-3(H)	WALL	PLASTER	WHITE	D	0.09 +/- 0.18			
122	3	SP200-3(H)	CLOSET DOOR	WOOD	WHITE	D	4.38 +/- 1.39	25	INTACT	Abatement or Encapsulation of all Lead Based Paint
123	3	SP200-3(H)	CLOSET DOOR FRAME	METAL	WHITE	D	0.06 +/- 0.15			
124	3	SP200-3(H)	CLOSET HINGE	METAL	WHITE	D	0.06 +/- .2			
125	3	SP200-3(H)	CLOSET SHELVES	WOOD	WHITE	D	3.7 +/- 1.3	25	INTACT	Abatement or Encapsulation of all Lead Based Paint
126	3			CALIBRATION			0 +/- 0.10			
127	3			CALIBRATION			1.47 +/- 0.20			
128	3			CALIBRATION			0.29 +/- 0.06			
ROOM SP209-3										
129				SHUTTER CALIBRATION						
130				CALIBRATION			0.35 +/- 0.16			
131				CALIBRATION			0.01 +/- 0.19			
132				CALIBRATION			1.10 +/- 0.08			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
133	3	SP209-3	WALL	PLASTER	WHITE	A	.11 +/- .18			
134	3	SP209-3	CLOSET DOOR JAMB	METAL	WHITE	A	.04 +/- .07			
135	3	SP209-3	CLOSET HINGE	METAL	WHITE	A	0 +/- .01			
136	3	SP209-3	CLOSET SHELVES	WOOD	WHITE	A	4.9 +/- 1.5	30	INTACT	Abatement or Encapsulation of all Lead Based Paint
137	3	SP209-3	WALL	PLASTER	WHITE	B	0 +/- .09			
138	3	SP209-3	BASEBOARD	WOOD	WHITE	B	7.6 +/- 3.1	23	INTACT	Abatement or Encapsulation of all Lead Based Paint
139	3	SP209-3	CONDUIT	METAL	WHITE	B	.01 +/- .16			
140	3	SP209-3	WINDOW SILL	WOOD	WHITE	B	3.1 +/- 1.0	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
141	3	SP209-3	WINDOW FRAME	WOOD	WHITE	B	3.2 +/- .9	23	INTACT	Abatement or Encapsulation of all Lead Based Paint
142	3	SP209-3	WALL	PLASTER	WHITE	C	.04 +/- .07			
143	3	SP209-3	RADIATOR	METAL	WHITE	C	.02 +/- .03			
144	3	SP209-3	WALL	PLASTER	WHITE	D	.1 +/- .2			
145	3	SP209-3	DOOR	WOOD	WHITE	D	7.1 +/- 2.0	25	INTACT	Abatement or Encapsulation of all Lead Based Paint
146	3	SP209-3	DOOR FRAME	METAL	WHITE	D	0.29 +/- 088			
147	3	SP209-3	DOOR HINGE	METAL	WHITE	D	.19 +/- .34			
148			VOID							
149	3	SP209-3	CEILING	METAL	WHITE		.04 +/- .16			
150	3	SP209-3	FIRE ALARM LINE	METAL	WHITE	CEILING	.01 +/- .03			
				ROOM SP208-3						
151	3	SP208-3	WALL	PLASTER	WHITE	A	.3 +/- .9			
152	3	SP208-3	WINDOW SILL	WOOD	WHITE	A	4.3 +/- 1.2	5	INTACT	Abatement or Encapsulation of all Lead Based Paint
153	3	SP208-3	WINDOW FRAME	WOOD	WHITE	A	3.4 +/- 1.1	35	INTACT	Abatement or Encapsulation of all Lead Based Paint
154	3	SP208-3	RADIATOR	METAL	WHITE	A	0 +/- .08			
155	3	SP208-3	WALL	METAL	WHITE	A	0.04 +/- 0.79			
156	3	SP208-3	WALL	PLASTER	WHITE	B	.06 +/- .06			
157	3	SP208-3	BASEBOARD	WOOD	WHITE	B	6 +/- 2.1	23	INTACT	Abatement or Encapsulation of all Lead Based Paint

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
158	3	SP208-3	CONDUIT	METAL	WHITE	A	4.9 +/- 1.8	2	INTACT	Abatement or Encapsulation of all Lead Based Paint
159	3	SP208-3	WALL	PLASTER	WHITE	C	.6 +/- 1			
160	3	SP208-3	DOOR JAMB	METAL	WHITE	C	.3 +/- .5			
161	3	SP208-3	DOOR	WOOD	WHITE	C	4.5 +/- 1.3	25	INTACT	Abatement or Encapsulation of all Lead Based Paint
162	3	SP208-3	DOOR HINGE	METAL	WHITE	C	.04 +/- .29			
163	3	SP208-3	CLOSET DOOR	WOOD	WHITE	D	7.7 +/- 2.7	70	INTACT	Abatement or Encapsulation of all Lead Based Paint
164	3	SP208-3	CLOSET DOOR HINGE	METAL	WHITE	D	.1 +/- .3			
165	3	SP208-3	CLOSET DOOR SHELVES	WOOD	WHITE	D	5.1 +/- 1.8	20	INTACT	Abatement or Encapsulation of all Lead Based Paint
166	3	SP208-3	WALL	PLASTER	WHITE	D	.59 +/- .99			
167	3	SP208-3	CLOSET DOOR FRAME	METAL	WHITE	D	.08 +/- .11			
168	3	SP208-3	CEILING	METAL	WHITE		0.11 +/- 0.78			
ROOM SP206-3(H)										
169	3	SP206-3(H)	WALL	PLASTER	WHITE	A	.09 +/- .16			
170	3	SP206-3(H)	BASEBOARD	WOOD	WHITE	A	7.2 +/- 2.9	10	INTACT	Abatement or Encapsulation of all Lead Based Paint
171	3	SP206-3(H)	WALL	PLASTER	WHITE	B	.23 +/- .96			
172	3	SP206-3(H)	WALL	PLASTER	WHITE	C	.09 +/- .79			
173	3	SP206-3(H)	DOOR FRAME	METAL	WHITE	C	.14 +/- .18			
174	3	SP206-3(H)	DOOR	WOOD	WHITE	B	3.6 +/- 1.2	100	POOR	Abatement or Encapsulation of all Lead Based Paint
175	3	SP206-3(H)	DOOR HINGE	METAL	WHITE	D	.06 +/- .20			
176	3	SP206-3(H)	WALL	PLASTER	WHITE	D	.06 +/- .07			
177	3	SP206-3(H)	CLOSET DOOR	WOOD	WHITE	D	5.7 +/- 1.7	30	INTACT	Abatement or Encapsulation of all Lead Based Paint
178	3	SP206-3(H)	CLOSET DOOR JAMB	METAL	WHITE	D	.07 +/- .08			
179	3	SP206-3(H)	CLOSET SHELVES	WOOD	WHITE	D	5.1 +/- 1.3	20	INTACT	Abatement or Encapsulation of all Lead Based Paint
180	3	SP206-3(H)	CEILING	METAL	WHITE		.38 +/- .97			
181	3	SP206-3(H)	FIRE ALARM LINE	METAL	WHITE	CEILING	.01 +/- .04			
182	3	SP206-3(H)	CONDUIT	METAL	WHITE	CEILING	.03 +/- .14			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
ROOM SP207-3										
183	3	SP207-3	CEILING	PLASTER	WHITE		.4 +/- .3			
184	3	SP207-3	CONDUIT	METAL	WHITE	CEILING	.05 +/- .09			
185	3	SP207-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	A	0 +/- .2			
186	3	SP207-3	WINDOW SILL	PLASTER	WHITE	A	0 +/- .01			
187	3	SP207-3	WINDOW FRAME	WOOD	WHITE	A	4.3 +/- 1.5	8	INTACT	Abatement or Encapsulation of all Lead Based Paint
188	3	SP207-3	RADIATOR	METAL	TAN	A	0 +/- .08			
189	3	SP207-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	B	3.6 +/- 1.3	125	INTACT	Abatement or Encapsulation of all Lead Based Paint
190	3	SP207-3	CABINET DOOR	WOOD	VARNISH	B	0 +/- .01			
191	3	SP207-3	BASEBOARD	WOOD	VARNISH	B	0 +/- .01			
192	3	SP207-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	C	0 +/- .01			
193	3	SP207-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	B	0 +/- .01			
194	3	SP207-3	DOOR JAMB	METAL	WHITE	C	.11 +/- .27			
195	3	SP207-3	DOOR	WOOD	WHITE	C	4.0 +/- 1.3	25	INTACT	Abatement or Encapsulation of all Lead Based Paint
196	3	SP207-3	WALL	PLASTER	WHITE	D	.01 +/- .05			
ROOM SP211-3										
197	3	SP211-3	WALL	PLASTER	WHITE	A	0 +/- .02			
198	3	SP211-3	DOOR FRAME	METAL	WHITE	A	0 +/- .14			
199	3	SP211-3	DOOR	METAL	WHITE	A	0 +/- .16			
200	3	SP211-3	WALL	PLASTER	WHITE	B	.16 +/- .88			
201	3	SP211-3	WALL	PLASTER	WHITE	C	0 +/- .8			
202	3	SP211-3	WINDOW SILL	WOOD	WHITE	C	4.0 +/- 1.2	2	INTACT	Abatement or Encapsulation of all Lead Based Paint
203	3	SP211-3	WINDOW FRAME	WOOD	WHITE	C	7.3 +/- 2.8	12	INTACT	Abatement or Encapsulation of all Lead Based Paint
204	3	SP211-3	RADIATOR	METAL	WHITE	C	.01 +/- .17			
205	3	SP211-3	WALL	PLASTER	WHITE	D	.08 +/- .14			
206	3	SP211-3	BASEBOARD	WOOD	WHITE	D	7.9 +/- 3.3	20	INTACT	Abatement or Encapsulation of all Lead Based Paint

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
207	3	SP211-3	FLOOR	WOOD	VARNISH		.01 +/- .03			
208	3	SP211-3	CEILING	METAL	WHITE		.2 +/- .2			
209	3	SP211-3	CONDUIT	METAL	WHITE	CEILING	0 +/- .12			
ROOM SP206-3										
210	3	SP206-3	CEILING	METAL	WHITE		.09 +/- .09			
211	3	SP206-3	FIRE ALARM LINE	METAL	WHITE	CEILING	.05 +/- .71			
212	3	SP206-3	WALL	PLASTER	WHITE	A	.14 +/- .16			
213	3	SP206-3	WINDOW FRAME	WOOD	WHITE	A	2.9 +/- 1.1	34	INTACT	Abatement or Encapsulation of all Lead Based Paint
214	3	SP206-3	WINDOW SILL	WOOD	WHITE	A	5.6 +/- 1.7	5	INTACT	Abatement or Encapsulation of all Lead Based Paint
215	3	SP206-3	RADIATOR	METAL	WHITE	A	.1 +/- .39			
216	3	SP206-3	BASEBOARD	WOOD	WHITE	A	6.4 +/- 2.0	28	INTACT	Abatement or Encapsulation of all Lead Based Paint
217	3	SP206-3	WALL	PLASTER	WHITE	B	.29 +/- .96			
218	3	SP206-3	DOOR FRAME	METAL	WHITE	C	0 +/- .02			
219	3	SP206-3	DOOR	METAL	WHITE	C	0 +/- .03			
220	3	SP206-3	WALL	PLASTER	WHITE	C	.2 +/- .9			
221	3	SP206-3	WALL	PLASTER	WHITE	D	.1 +/- .8			
222	3	SP206-3	CONDUIT	METAL	WHITE	D	0 +/- .11			
ROOM SP212-3(H)										
223	3	SP212-3(H)	WALL	PLASTER	WHITE	A	.29 +/- .22			
224	3	SP212-3(H)	WALL	PLASTER	WHITE	B	.3 +/- .31			
225	3	SP212-3(H)	CLOSET DOOR FRAME	METAL	WHITE	B	.13 +/- .07			
226	3	SP212-3(H)	CLOSET DOOR HINGE	METAL	WHITE	B	.2 +/- .4			
227	3	SP212-3(H)	CLOSET DOOR	WOOD	WHITE	B	4.2 +/- 1.2	40	INTACT	Abatement or Encapsulation of all Lead Based Paint
228	3	SP212-3(H)	CLOSET SHELVES	WOOD	WHITE	B	4.1 +/- 1.5	25	INTACT	Abatement or Encapsulation of all Lead Based Paint
229	3	SP212-3(H)	BASEBOARD	WOOD	WHITE	B	8.4 +/- 3.2	5	INTACT	Abatement or Encapsulation of all Lead Based Paint
230	3	SP212-3(H)	WALL	PLASTER	WHITE	C	.37 +/- .23			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
231	3	SP212-3(H)	WALL	PLASTER	WHITE	D	.31 +/- .21			
232	3	SP212-3(H)	CEILING	METAL	WHITE		.12 +/- .11			
233	3	SP212-3(H)	CONDUIT	METAL	WHITE	CEILING	.02 +/- .25			
ROOM SP203-4										
134	3	SP203-4	WALL	PLASTER	WHITE	A	0.0 +/- .7			
135	3	SP203-4	RADIATOR	METAL	WHITE	A	0.0 +/- .13			
136	3	SP203-4	BASEBOARD	WOOD	WHITE	A	4.3 +/- 1.5	33	INTACT	Abatement or Encapsulation of all Lead Based Paint
137	3	SP203-4	WINDOW SILL	WOOD	WHITE	A	5.2 +/- 1.8	6	INTACT	Abatement or Encapsulation of all Lead Based Paint
138	3	SP203-4	WINDOW FRAME	WOOD	WHITE	A	3.4 +/- 1.2	36	INTACT	Abatement or Encapsulation of all Lead Based Paint
139	3	SP203-4	WALL	PLASTER	WHITE	B	.3 +/- .9			
140	3	SP203-4	CLOSET DOOR	WOOD	WHITE	B	3.8 +/- 1.3	45	INTACT	Abatement or Encapsulation of all Lead Based Paint
141	3	SP203-4	CLOSET HINGE	METAL	WHITE	B	0.01 +/- .12			
142	3	SP203-4	CLOSET SHELVES	WOOD	WHITE	A	.04 +/- .23			
143	3	SP203-4	CLOSET DOOR JAMB	METAL	WHITE	C	0.06 +/- .27			
144	3	SP203-4	DOOR	WOOD	WHITE	C	4.3 +/- 1.3	25	INTACT	Abatement or Encapsulation of all Lead Based Paint
145	3	SP203-4	DOOR JAMB	METAL	WHITE	C	.07 +/- .20			
146	3	SP203-4	WALL	PLASTER	WHITE	C	.2 +/- 1.0			
147	3	SP203-4	CONDUIT	METAL	WHITE	C	.15 +/- .65			
148	3	SP203-4	CEILING	PLASTER	WHITE		0.0 +/- 0.0			
149	3	SP203-4	FLOOR	WOOD	VARNISH		0 +/- .01			
150	3	SP203-4	DOOR HINGE	METAL	WHITE	C	0 +/- .08			
ROOM SP202-3										
1			SHUTTER CALIBRATION							
2			CALIBRATION				0 +/- .01			
3			CALIBRATION				.35 +/- .13			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
4			CALIBRATION				1.5 +/- .2			
5			VOID							
6			VOID							
7	3	SP202-3	WALL	PLASTER	WHITE	A	0.03 +/- .11			
8	3	SP202-3	WALL	DRYWALL	WHITE	A	0 +/- .01			
9	3	SP202-3	DOOR FRAME	METAL	WHITE	A	0.41 +/- 0.92			
10	3	SP202-3	DOOR	WOOD	WHITE	A	.29 +/- .27			
11	3	SP202-3	CLOSET DOOR	WOOD	WHITE	A	3.36 +/- 1.00	75	INTACT	Abatement or Encapsulation of all Lead Based Paint
12	3	SP202-3	CLOSET DOOR JAMB	METAL	WHITE	A	.03 +/- .15			
13	3	SP202-3	CLOSET DOOR SHELVES	WOOD	WHITE	A	5.7 +/- 2	15	INTACT	Abatement or Encapsulation of all Lead Based Paint
14	3	SP202-3	CLOSET HINGE	METAL	WHITE	A	.01 +/- .05			
15	3	SP202-3	BASEBOARD	WOOD	WHITE	A	0 +/- .01			
16	3	SP202-3	DOOR HINGE	METAL	WHITE	A	.06 +/- .22			
17	3	SP202-3	WALL	PLASTER	WHITE	B	0.07 +/- 0.19			
18	3	SP202-3	CONDUIT	METAL	WHITE	B	.01 +/- .03			
19	3	SP202-3	WALL	PLASTER	WHITE	C	.04 +/- .15			
20	3	SP202-3	WINDOW SILL	WOOD	WHITE	C	4.8 +/- 1.6	2	POOR	Abatement or Encapsulation of all Lead Based Paint
21	3	SP202-3	WINDOW FRAME	WOOD	WHITE	C	5.1 +/- 1.9	12	INTACT	Abatement or Encapsulation of all Lead Based Paint
22	3	SP202-3	RADIATOR	METAL	WHITE	C	.01 +/- .02			
23	3	SP202-3	WALL	PLASTER	WHITE	D	.02 +/- .11			
24			VOID							
25	3	SP202-3	FLOOR	WOOD	VARNISH		0 +/- .02			
26	3	SP202-3	CEILING TILE	WOOD	WHITE		.3 +/- .6			
27	3	SP202-3	CEILING TILE GRID	METAL	BLACK		0 +/- .1			
28	3	SP202-3	CEILING	PLASTER	WHITE		.01 +/- .01			
29	3	SP202-3	LIGHT FIXTURE	METAL	WHITE	CEILING	0.07 +/- 0.19			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
ROOM SP201-3										
30	3	SP201-3	DOOR	METAL	WHITE	A	0 +/- .12			
31	3	SP201-3	DOOR JAMB	METAL	WHITE	A	0 +/- .03			
32	3	SP201-3	WALL	PLASTER	WHITE	A	0 +/- .03			
33	3	SP201-3	WALL	PLASTER	WHITE	B	.01 +/- .07			
34	3	SP201-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	A	.02 +/- .10			
35	3	SP201-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	B	.05 +/- .11			
36	3	SP201-3	CEILING	PLASTER	WHITE		.01 +/- .01			
37	3	SP201-3	CONDUIT	METAL	WHITE	CEILING	0.07 +/- 0.14			
38	3	SP201-3	WALL	PLASTER	WHITE	C	.03 +/- .12			
39	3	SP201-3	WINDOW FRAME	WOOD	WHITE	C	4.5 +/- 1.6	12	INTACT	Abatement or Encapsulation of all Lead Based Paint
40	3	SP201-3	WINDOW SILL	WOOD	WHITE	C	4.3 +/- 1.6	2	INTACT	Abatement or Encapsulation of all Lead Based Paint
41	3	SP201-3	RADIATOR	METAL	WHITE	C	0.2 +/- 0.25			
42	3	SP201-3	WALL	PLASTER	WHITE	D	.1 +/- .8			
43	3	SP201-3	FLOOR	WOOD	VARNISH		0 +/- .01			
44	3	SP201-3	BASEBOARD	WOOD	WHITE	D	6.8 +/- 2.4	23	INTACT	Abatement or Encapsulation of all Lead Based Paint
45	3	SP201-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	C	.03 +/- .13			
46	3	SP201-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	D	.02 +/- .22			
47	3	SP201-3	CROWN MOLDING	WOOD	VARNISH	D	0 +/- .01			
48			CALIBRATION				3.46 +/- 0.71			
49			CALIBRATION				0.00 +/- 0.01			
50			CALIBRATION				0.33 +/- 0.09			
ROOM SP205-3										
51			SHUTTER CALIBRATION							
52			CALIBRATION				0.32 +/- 0.11			
53			CALIBRATION				0.00 +/- 0.11			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
54			CALIBRATION				1.44 +/- 0.20			
55	3	SP205-3	WALL	PLASTER	WHITE	A	.1 +/- .2			
56	3	SP205-3	WINDOW SILL	WOOD	WHITE	A	5.08 +/- 1.50	5	INTACT	Abatement or Encapsulation of all Lead Based Paint
57	3	SP205-3	WINDOW FRAME	WOOD	WHITE	A	4.6 +/- 1.5	34	INTACT	Abatement or Encapsulation of all Lead Based Paint
58	3	SP205-3	RADIATOR	METAL	WHITE	A	0 +/- 0.01			
59	3	SP205-3	CONDUIT	METAL	WHITE	A	0 +/- .11			
60	3	SP205-3	WALL	PLASTER	WHITE	B	.6 +/- .9			
61	3	SP205-3	BASEBOARD	WOOD	WHITE	B	7.3 +/- 2.7	31	INTACT	Abatement or Encapsulation of all Lead Based Paint
62	3	SP205-3	WALL	PLASTER	WHITE	C	0.34 +/- 0.81			
63	3	SP205-3	DOOR FRAME	METAL	WHITE	C	.01 +/- .21			
64	3	SP205-3	DOOR	METAL	WHITE	C	.00 +/- .06			
65	3	SP205-3	WALL	PLASTER	WHITE	D	0 +/- .12			
66	3	SP205-3	FLOOR	WOOD	VARNISH		0 +/- .02			
67	3	SP205-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	C	.03 +/- .15			
68	3	SP205-3	CROWN MOLDING	WOOD	VARNISH	C	.25 +/- .59			
69	3	SP205-3	CROWN MOLDING	WOOD	WHITE	C	0 +/- .01			
70	3	SP205-3	CEILING	WOOD	WHITE		0 +/- .14			
71	3	SP205-3	PIPE	METAL	WHITE	CEILING	.08 +/- .16			
72	3	SP205-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	D	.04 +/- .25			
73	3	SP205-3	WALL	PLASTER (WALL PAPER)	UNKNOWN	B	.01 +/- .01			
74	3	SP205-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	A	.02 +/- .12			
ROOM SP205-3(H)										
75	3	SP205-3(H)	WALL	PLASTER	WHITE	A	.02 +/- .75			
76	3	SP205-3(H)	WALL	PLASTER	WHITE	B	0.25 +/- 0.85			
77	3	SP205-3(H)	WALL	PLASTER	WHITE	C	0.01 +/- 0.77			
78	3	SP205-3(H)	WALL	PLASTER	WHITE	D	0.03 +/- 0.09			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
79	3	SP205-3(H)	CEILING	PLASTER	WHITE		.17 +/- .59			
80	3	SP205-3(H)	PIPE	METAL	WHITE	CEILING	0.09 +/- 0.24			
81	3	SP205-3(H)	BASEBOARD	WOOD	WHITE	C	4.9 +/- 1.9	10	INTACT	Abatement or Encapsulation of all Lead Based Paint
82	3	SP205-3(H)	DOOR	WOOD	WHITE	A	4.4 +/- 1.7	80	INTACT	Abatement or Encapsulation of all Lead Based Paint
83	3	SP205-3(H)	DOOR FRAME	METAL	WHITE	A	.03 +/- .76			
84	3	SP205-3(H)	DOOR HINGE	METAL	WHITE	A	.05 +/- .23			
85	3	SP205-3(H)	CLOSET DOOR	WOOD	WHITE	A	6.5 +/- 2.6	25	INTACT	Abatement or Encapsulation of all Lead Based Paint
86	3	SP205-3(H)	CLOSET JAMB	METAL	WHITE	A	.11 +/- .26			
87	3	SP205-3(H)	CLOSET SHELVES	WOOD	WHITE	A	.03 +/- .14			
88	3	SP205-3(H)	FLOOR	WOOD	VARNISH		0 +/- .01			
89	3	SP205-3(H)	CONDUIT	METAL	WHITE	CEILING	0 +/- .01			
ROOM SP204-3										
90	3	SP204-3	WALL	PLASTER	WHITE	A	0 +/- .11			
91	3	SP204-3	WINDOW SILL	WOOD	WHITE	A	0 +/- .01			
92	3	SP204-3	WINDOW FRAME	WOOD	WHITE	A	4.3 +/- 1.5	10	INTACT	Abatement or Encapsulation of all Lead Based Paint
93	3	SP204-3	RADIATOR	METAL	WHITE	A	.01 +/- .17			
94	3	SP204-3	WALL	PLASTER	WHITE	B	0 +/- .05			
95	3	SP204-3	WALL	PLASTER	WHITE	D	0 +/- .12			
96	3	SP204-3	CABINET DOOR	WOOD	VARNISH	D	0 +/- .01			
97	3	SP204-3	WALL	PLASTER	WHITE	C	.14 +/- .38			
98	3	SP204-3	DOOR FRAME	METAL	WHITE	C	.3 +/- .3			
99	3	SP204-3	DOOR	WOOD	WHITE	C	8.8 +/- 3.4	25	INTACT	Abatement or Encapsulation of all Lead Based Paint
100	3	SP204-3	CEILING	PLASTER	WHITE		.08 +/- .16			
101	3	SP204-3	CONDUIT	METAL	WHITE	CEILING	0 +/- .09			
ROOM SP200-3										
102	3	SP200-3	WALL	PLASTER	WHITE	A	.2 +/- .3			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
103	3	SP200-3	DOOR JAMB	METAL	WHITE	A	.1 +/- .2			
104	3	SP200-3	WALL	PLASTER	WHITE	B	.3 +/- .7			
105	3	SP200-3	WALL	PLASTER	WHITE	C	.5 +/- .5			
106	3	SP200-3	WINDOW SILL	WOOD	WHITE	C	4.1 +/- 1.4	2	INTACT	Abatement or Encapsulation of all Lead Based Paint
107	3	SP200-3	WINDOW FRAME	WOOD	WHITE	C	4.7 +/- 1.7	10	INTACT	Abatement or Encapsulation of all Lead Based Paint
108	3	SP200-3	WALL	PLASTER	WHITE	D	.03 +/- .15			
109	3	SP200-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	D	.01 +/- .04			
ROOM SP212-3										
234	3	SP212-3	CEILING	METAL	WHITE		.2 +/- .4			
235	3	SP212-3	CONDUIT	METAL	WHITE	CEILING	0 +/- .01			
236	3	SP212-3	WALL	PLASTER	WHITE	A	.3 +/- .2			
237	3	SP212-3	DOOR FRAME	WOOD	WHITE	A	.4 +/- .3			
238	3	SP212-3	WALL	PLASTER	WHITE	B	0 +/- .06			
239	3	SP212-3	CABINET DOOR	METAL	WHITE	B	.01 +/- .18			
240	3	SP212-3	WALL	PLASTER	WHITE	C	0 +/- .11			
241	3	SP212-3	WINDOW SILL	WOOD	WHITE	C	4.9 +/- 1.9	2	INTACT	Abatement or Encapsulation of all Lead Based Paint
242	3	SP212-3	WINDOW FRAME	WOOD	WHITE	C	3.4 +/- 1.0	10	INTACT	Abatement or Encapsulation of all Lead Based Paint
243	3	SP212-3	WALL	PLASTER	WHITE	D	.17 +/- .71			
244	3	SP212-3	CABINET DOOR	METAL	WHITE	C	.03 +/- .20			
245	3	SP212-3	WALL	PLASTER	WHITE	D	.05 +/- .78			
246	3	SP212-3	BASEBOARD	WOOD	WHITE	A	6.2 +/- 1.8	8	INTACT	Abatement or Encapsulation of all Lead Based Paint
ROOM SP210-3										
247	3	SP210-3	WALL	PLASTER	WHITE	A	.1 +/- .2			
248	3	SP210-3	DOOR JAMB	METAL	WHITE	A	.06 +/- .16			
249	3	SP210-3	DOOR	WOOD	WHITE	A	4.9 +/- 1.6	25	INTACT	Abatement or Encapsulation of all Lead Based Paint
250	3	SP210-3	DOOR HINGE	METAL	WHITE	A	.4 +/- .4			

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XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
251	3	SP210-3	WALL	PLASTER	WHITE	B	.39 +/- .99			
252	3	SP210-3	BASEBOARD	WOOD	WHITE	B	5.8 +/- 1.9	20	INTACT	Abatement or Encapsulation of all Lead Based Paint
253	3	SP210-3	CLOSET DOOR	WOOD	WHITE	B	6.4 +/- 2.4	60	INTACT	Abatement or Encapsulation of all Lead Based Paint
254	3	SP210-3	CLOSET DOOR JAMB	METAL	WHITE	B	.09 +/- .14			
255	3	SP210-3	CLOSET SHELVES	METAL	WHITE	B	5.1 +/- 1.9	30	INTACT	Abatement or Encapsulation of all Lead Based Paint
256	3	SP210-3	CLOSET DOOR HINGE	METAL	WHITE	B	.1 +/- .3			
257	3	SP210-3	WALL	PLASTER	WHITE	C	.02 +/- .06			
258	3	SP210-3	WINDOW SILL	WOOD	WHITE	C	3.1 +/- 1.1	4	POOR	Abatement or Encapsulation of all Lead Based Paint
259	3	SP210-3	WINDOW FRAME	WOOD	WHITE	C	4.1 +/- 1.4	23	INTACT	Abatement or Encapsulation of all Lead Based Paint
260	3	SP210-3	RADIATOR	METAL	WHITE	C	.01 +/- .04			
261	3	SP210-3	WALL	PLASTER	WHITE	D	.16 +/- .73			
262	3	SP210-3	CEILING	PLASTER	WHITE		.3 +/- .8			
263	3	SP210-3	CONDUIT	METAL	WHITE	CEILING	.06 +/- .14			
264			CALIBRATION				1.55 +/- .23			
265			CALIBRATION				.02 +/- .05			
266			CALIBRATION				.29 +/- .12			

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XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
ROOM SP109-3										
1			SHUTTER CALIBRATION							
2			CALIBRATION				1.08 +/- .09			
3			CALIBRATION				.01 +/- .21			
4			CALIBRATION				1.55 +/- .26			
5	3	SP109-3	WALL	PLASTER	WHITE	C	.27 +/- .69			
6	3	SP109-3	WINDOW SILL	WOOD	WHITE	C	4.5 +/- 1.4	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
7	3	SP109-3	WINDOW FRAME	WOOD	WHITE	C	3.5 +/- 1.2	23	INTACT	Abatement or Encapsulation of all Lead Based Paint
8	3	SP109-3	RADIATOR	METAL	WHITE	C	.01 +/- .17			
9	3	SP109-3	VOID							
10	3	SP109-3	VOID							
11	3	SP109-3	CLOSET DOOR	WOOD	WHITE	D	4.7 +/- 1.6	35	INTACT	Abatement or Encapsulation of all Lead Based Paint
12	3	SP109-3	CLOSET HINGES	METAL	WHITE	D	.04 +/- .19			
13	3	SP109-3	CLOSET DOOR FRAME	METAL	WHITE	D	.2 +/- .9			
14	3	SP109-3	INSIDE CLOSET DOOR	WOOD	BROWN	D	5.8 +/- 1.6	35	INTACT	Abatement or Encapsulation of all Lead Based Paint
15	3	SP109-3	CLOSET SHELVE	WOOD	WHITE	D	4.1 +/- 1.4	10	INTACT	Abatement or Encapsulation of all Lead Based Paint
16	3	SP109-3	DOOR FRAME	METAL	GRAY	A	.15 +/- .23			
17	3	SP109-3	DOOR	METAL	GRAY	A	0 +/- .01			
18	3	SP109-3	CEILING TILE	WOOD	WHITE		.25 +/- .59			
19	3	SP109-3	CEILING GRID	METAL	BLACK		.09 +/- .16			
20	3	SP109-3	CEILING	PLASTER	WHITE		.34 +/- .93			
21	3	SP109-3	METAL CONDUIT	METAL	WHITE	C	.19 +/- .56			
ROOM SP112-3										
22	3	SP112-3	WALL	PLASTER	WHITE	A	.32 +/- .25			
23	3	SP112-3	WALL	METAL	WHITE	A	0 +/- .02			
24			CALIBRATION				1.57 +/- .26			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
25			CALIBRATION				.32 +/- .07			
26			CALIBRATION				0 +/- .11			
27	3	SP112-3	WINDOW SILL	WOOD	WHITE	A	5.8 +/- 1.5	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
28	3	SP112-3	WINDOW FRAME	WOOD	WHITE	A	5.1 +/- 1.7	23	INTACT	Abatement or Encapsulation of all Lead Based Paint
29	3	SP112-3	RADIATOR	METAL	WHITE	A	0 +/- .08			
30	3	SP112-3	DOOR FRAME	METAL	GRAY	C	0 +/- .08			
31	3	SP112-3	DOOR	METAL	GRAY	C	0 +/- .10			
32	3	SP112-3	CONDUIT	METAL	WHITE	C	.2 +/- .6			
33	3	SP112-3	CONDUIT	METAL	BEIGE	D	.02 +/- .06			
34	3	SP112-3	CABINET	WOOD	VARNISH	D	016 +/- .10			
35	3	SP112-3	CLOSET FRAME	METAL	BEIGE	D	0 +/- .08			
36	3	SP112-3	CLOSET DOOR	WOOD	VARNISH	D	.04 +/- .22			
37	3	SP112-3	CLOSET WALL	PLASTER	WHITE	C	.42 +/- .96			
38	3	SP112-3	CLOSET SHELVES	WOOD	WHITE	D	0 +/- .10			
39	3	SP112-3	CEILING TILE	WOOD	WHITE		.34 +/- .52			
40	3	SP112-3	CEILING GRID	METAL	BLACK		.06 +/- .22			
41			CALIBRATION				3.27 +/- .89			
42			CALIBRATION				.32 +/- .12			
43			CALIBRATION				.01 +/- .19			
ROOM SP108-3										
44			SHUTTER CALIBRATION							
45			CALIBRATION				3.29 +/- .87			
46			CALIBRATION				0 +/- .11			
47			CALIBRATION				1.08 +/- .07			
48	3	SP108-3	WALL	DRYWALL	WHITE	A	0 +/- .11			
49	3	SP108-3	DOOR FRAME	METAL	GRAY	A	0 +/- .09			

ALEDA E. LUTZ
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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
50	3	SP108-3	DOOR	METAL	GRAY	A	0 +/- .12			
51	3	SP108-3	CLOSET DOOR FRAME	METAL	WHITE	A	.02 +/- .12			
52	3	SP108-3	CLOSET DOOR	METAL	BROWN	A	0 +/- .02			
53	3	SP108-3	WALL	DRYWALL	WHITE	B	.03 +/- .08			
54	3	SP108-3	CABINET	WOOD	VARNISH	B	.09 +/- .11			
55	3	SP108-3	WALL	PLASTER	WHITE	C	.2 +/- .3			
56	3	SP108-3	WALL	DRYWALL	WHITE	C	.26 +/- .75			
57	3	SP108-3	RADIATOR	METAL	WHITE	C	.03 +/- .33			
58	3	SP108-3	WINDOW SILL	WOOD	WHITE	C	6.1 +/- 2.5	2	INTACT	Abatement or Encapsulation of all Lead Based Paint
59	3	SP108-3	WINDOW FRAME	WOOD	WHITE	C	7.3 +/- 2.5	12	INTACT	Abatement or Encapsulation of all Lead Based Paint
60	3	SP108-3	WALL	PLASTER	WHITE	D	.11 +/- .14			
61	3	SP108-3	BASEBOARD	VINYL	BLACK	D	.01 +/- .06			
62	3	SP108-3	CONDUIT	METAL	WHITE	A	.02 +/- .07			
63	3	SP108-3	DROP CEILING	WOOD	WHITE		0 +/- .09			
64	3	SP108-3	CEILING GRID	METAL	BLACK		.05 +/- .16			
65	3	SP108-3	CONDUIT	METAL	BLACK		.02 +/- .18			
ROOM SP111-3										
66	3	SP111-3	WALL	PLASTER	WHITE	A	.08 +/- .20			
67	3	SP111-3	WINDOW SILL	WOOD	WHITE	A	4.9 +/- 1.7	5	INTACT	Abatement or Encapsulation of all Lead Based Paint
68	3	SP111-3	WINDOW FRAME	WOOD	WHITE	A	5.5 +/- 1.9	34	INTACT	Abatement or Encapsulation of all Lead Based Paint
69	3	SP111-3	RADIATOR	METAL	WHITE	A	0 +/- .12			
70	3	SP111-3	WALL	PLASTER	WHITE	B	.08 +/- .36			
71	3	SP111-3	CLOSET FRAME	METAL	WHITE	B	.04 +/- .14			
72	3	SP111-3	CLOSET HINGE	METAL	WHITE	B	.02 +/- .23			
73	3	SP111-3	CLOSET DOOR	WOOD	WHITE	B	6.0 +/- 1.7	70	INTACT	Abatement or Encapsulation of all Lead Based Paint
74	3	SP111-3	CLOSET SHELVES	WOOD	WHITE	B	3.9 +/- 1.4	36	INTACT	Abatement or Encapsulation of all Lead Based Paint

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
75	3	SP111-3	DOOR FRAME	METAL	GRAY	C	.2 +/- .3			
76	3	SP111-3	DOOR	METAL	GRAY	C	0 +/- .14			
77	3	SP111-3	WALL	PLASTER	WHITE	C	.44 +/- .99			
78	3	SP111-3	WALL	PLASTER	WHITE	D	.05 +/- .15			
79	3	SP111-3	DROP CEILING TILE	WOOD	WHITE		.01 +/- .23			
80	3	SP111-3	CEILING GRID	METAL	BLACK		.01 +/- .16			
81	3	SP111-3	CEILING	PLASTER	WHITE		.6 +/- 1.0			
ROOM SP110-3										
82	3	SP110-3	WALL	PLASTER	WHITE	A	.1 +/- .08			
83	3	SP110-3	CLOSET DOOR	WOOD	VARNISH	A	.01 +/- .18			
84	3	SP110-3	CLOSET DOOR FRAME	METAL	WHITE	A	1.5 +/- .5	17	INTACT	Abatement or Encapsulation of all Lead Based Paint
85			VOID							
86	3	SP110-3	CLOSET SHELVES	WOOD	WHITE	A	4.3 +/- 1.6	40	INTACT	Abatement or Encapsulation of all Lead Based Paint
87	3	SP110-3	WALL	PLASTER	WHITE	B	.4 +/- .3			
88	3	SP110-3	DOOR FRAME	METAL	GRAY	B	.18 +/- .17			
89	3	SP110-3	DOOR	METAL	GRAY	B	0 +/- .05			
90	3	SP110-3	CONDUIT	METAL	WHITE	B	.6 +/- .7			
91	3	SP110-3	WALL	PLASTER	WHITE	C	.2 +/- .3			
92	3	SP110-3	WALL	DRYWALL	WHITE	C	.36 +/- .95			
93	3	SP110-3	WINDOW SILL	WOOD	WHITE	C	4.6 +/- 1.7	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
94	3	SP110-3	WINDOW FRAME	WOOD	WHITE	C	5.6 +/- 1.9	23	INTACT	Abatement or Encapsulation of all Lead Based Paint
95	3	SP110-3	RADIATOR	METAL	WHITE	D	0 +/- .02			
96	3	SP110-3	WALL	PLASTER	WHITE	D	.07 +/- .27			
97	3	SP110-3	CEILING	PLASTER	WHITE		.06 +/- .16			
ROOM SP101-3										
98	3	SP101-3	WALL	PLASTER	WHITE	A	.01 +/- .08			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
99	3	SP101-3	WINDOW SILL	WOOD	WHITE	A	4.0 +/- 1.2	5	POOR	Abatement or Encapsulation of all Lead Based Paint
100			VOID							
101	3	SP101-3	WINDOW FRAME	WOOD	WHITE	A	4.7 +/- 1.7	34	INTACT	Abatement or Encapsulation of all Lead Based Paint
102	3	SP101-3	RADIATOR	METAL	WHITE	A	0 +/- .11			
103	3	SP101-3	WALL	PLASTER	WHITE	B	0 +/- .06			
104	3	SP101-3	WALL	PLASTER	WHITE	C	0 +/- .06			
105	3	SP101-3	DOOR JAMB	METAL	GRAY	C	0 +/- 0			
106	3	SP101-3	WALL	PLASTER	BLUE	D	0 +/- .09			
107	3	SP101-3	WALL	DRYWALL	WHITE	A	.03 +/- .15			
108	3	SP101-3	DROP CEILING TILE	WOOD	WHITE		0 +/- .01			
109	3	SP101-3	CEILING GRID	METAL	BROWN		.04 +/- .30			
ROOM SP104-3										
110	3	SP104-3	CLOSET DOOR	WOOD	WHITE	A	13 +/- 3.6	70	INTACT	Abatement or Encapsulation of all Lead Based Paint
111	3	SP104-3	HINGE	METAL	WHITE	A	.1 +/- .2			
112	3	SP104-3	CLOSET DOOR JAMB	METAL	WHITE	A	.10 +/- .08			
113	3	SP104-3	CLOSET SHELVES	WOOD	WHITE	A	.05 +/- .12			
114	3	SP104-3	WALL	PLASTER	WHITE	B	.13 +/- .18			
115	3	SP104-3	WALL	PLASTER	WHITE	C	.06 +/- .10			
116	3	SP104-3	WINDOW SILL	WOOD	WHITE	C	3.9 +/- 1.2	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
117	3	SP104-3	WINDOW FRAME	WOOD	WHITE	C	4.1 +/- 1.2	23	INTACT	Abatement or Encapsulation of all Lead Based Paint
118	3	SP104-3	RADIATOR	METAL	WHITE	C	.1 +/- .4			
119	3	SP104-3	WALL	DRYWALL	WHITE	C	.4 +/- .9			
120	3	SP104-3	DOOR FRAME	METAL	GRAY	D	.3 +/- .3			
121	3	SP104-3	DOOR	METAL	GRAY	D	0 +/- .08			
122	3	SP104-3	CEILING	PLASTER	WHITE		.4 +/- 1.0			
ROOM SP105-3										

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
123	3	SP105-3	WALL	PLASTER	WHITE	A	.07 +/- .15			
124	3	SP105-3	DOOR FRAME	METAL	GRAY	A	.14 +/- .83			
125	3	SP105-3	DOOR	METAL	GRAY	A	0 +/- .03			
126	3	SP105-3	WALL	PLASTER	WHITE	B	.39 +/- .99			
127	3	SP105-3	CLOSET FRAME	METAL	WHITE	B	.17 +/- .87			
128	3	SP105-3	CLOSET HINGE	METAL	WHITE	B	0 +/- .10			
129	3	SP105-3	CLOSET DOOR	WOOD	WHITE	B	4.9 +/- 1.4	70	INTACT	Abatement or Encapsulation of all Lead Based Paint
130	3	SP105-3	CLOSET SHELVES	WOOD	WHITE	B	6.0 +/- 1.9	15	INTACT	Abatement or Encapsulation of all Lead Based Paint
131	3	SP105-3	WALL	PLASTER	WHITE	C	0 +/- .01			
132	3	SP105-3	WINDOW SILL	WOOD	WHITE	C	4.2 +/- 1.6	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
133	3	SP105-3	WINDOW FRAME	WOOD	WHITE	C	3.1 +/- 1.2	23	INTACT	Abatement or Encapsulation of all Lead Based Paint
134	3	SP105-3	RADIATOR	METAL	WHITE	C	.04 +/- .33			
135	3	SP105-3	WALL	PLASTER	WHITE	D	.02 +/- .07			
136	3	SP105-3	DROP CEILING TILE	WOOD	WHITE		.4 +/- .7			
137	3	SP105-3	CEILING GRID	METAL	BLACK		.02 +/- .25			
138	3	SP105-3	CEILING	PLASTER	WHITE		.5 +/- .9			
139	3		CALIBRATION				.34 +/- .09			
140	3		CALIBRATION				0 +/- .01			
141	3		CALIBRATION				1.61 +/- .27			
ROOM SP102-3										
142	3		SHUTTER CALIBRATION							
143	3		CALIBRATION				3.63 +/- .75			
144	3		CALIBRATION				0 +/- .01			
145	3		CALIBRATION				.32 +/- .07			
146	3	SP102-3	WALL	PLASTER	WHITE	A	0 +/- .01			
147	3	SP102-3	WALL	PLASTER	WHITE	B	.3 +/- .8			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
148	3	SP102-3	RADIATOR	METAL	WHITE	B	.02 +/- .18			
149	3	SP102-3	DOOR	METAL	GRAY	C	0 +/- .15			
150	3	SP102-3	DOOR JAMB	METAL	GRAY	C	0 +/- .06			
151	3	SP102-3	WALL	PLASTER	WHITE	D	0 +/- .09			
152	3	SP102-3	DROP CEILING TILE	WOOD	WHITE		.35 +/- .48			
153	3	SP102-3	CEILING GRID	METAL	BROWN		.03 +/- .21			
154	3	SP102-3	HANGER	METAL	ORANGE	CEILING	12 +/- 2.6	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
155	3	SP102-3	PIPE	METAL	BLACK	CEILING	.01 +/- .18			
156	3	SP102-3	CONDUIT	METAL	BLACK	CEILING	.01 +/- .04			
212	3	SP102-3	BASEBOARD	PLASTIC	BROWN	B	4.1 +/- 1.3	17	INTACT	Abatement or Encapsulation of all Lead Based Paint
213	3	SP102-3	VENT	METAL	WHITE	CEILING	.15 +/- .67			
ROOM SP106-3										
157	3	SP106-3	WALL	DRYWALL	WHITE	A	0 +/- .08			
158	3	SP106-3	DOOR FRAME	METAL	GRAY	A	0 +/- .01			
159	3	SP106-3	DOOR	METAL	GRAY	A	0 +/- .05			
160	3	SP106-3	WALL	PLASTER	WHITE	B	.28 +/- .89			
161	3	SP106-3	WALL	DRYWALL	WHITE	C	0 +/- .14			
162	3	SP106-3	WALL	PLASTER	WHITE	C	0 +/- .01			
163	3	SP106-3	WINDOW SILL	WOOD	WHITE	C	4.2 +/- 1.4	6	POOR	Abatement or Encapsulation of all Lead Based Paint
164	3	SP106-3	WINDOW FRAME	WOOD	WHITE	C	4.2 +/- 1.3	20	INTACT	Abatement or Encapsulation of all Lead Based Paint
165	3	SP106-3	RADIATOR	METAL	WHITE	C	.01 +/- .16			
166	3	SP106-3	WALL	DRYWALL	WHITE	D	0 +/- .03			
167	3	SP106-3	CONDUIT	METAL	WHITE	D	1.2 +/- .3	2	INTACT	Abatement or Encapsulation of all Lead Based Paint
168	3	SP106-3	DROP CEILING TILE	WOOD	WHITE		.25 +/- .55			
169	3	SP106-3	CEILING GRID	METAL	BROWN		.02 +/- .21			
ROOM SP100-3(H)										

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
170	3	SP100-3(H)	DOOR FRAME	METAL	WHITE	C	0 +/- .11			
171	3	SP100-3(H)	DOOR	METAL	WHITE	C	0 +/- .01			
172	3	SP100-3(H)	STAIR BASEBOARD	WOOD	WHITE	D	5.1 +/- 1.8	20	INTACT	Abatement or Encapsulation of all Lead Based Paint
173	3	SP100-3(H)	WALL	PLASTER (WALLPAPER)	UNKNOWN	D	.28 +/- .69			
174	3	SP100-3(H)	HANDRAIL	WOOD	VARNISH	D	0 +/- .02			
175	3	SP100-3(H)	HANDRAIL SUPPORT	METAL	WHITE	D	.68 +/- .63			
176	3	SP100-3(H)	WALL	DRYWALL (WALLPAPER)	UNKNOWN	B	.02 +/- .06			
177	3	SP100-3(H)	OVERHANG	METAL	WHITE	C	0 +/- .10			
178	3	SP100-3(H)	BANNISTER	METAL	WHITE		2.7 +/- 1.1	60	INTACT	Abatement or Encapsulation of all Lead Based Paint
179	3	SP100-3(H)	WALL	PLASTER (WALLPAPER)	UNKNOWN	A	.1 +/- .2			
180	3	SP100-3(H)	WINDOW SILL	WOOD	WHITE	A	5.5 +/- 1.7	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
181	3	SP100-3(H)	WINDOW FRAME	WOOD	WHITE	A	5.0 +/- 1.7	15	INTACT	Abatement or Encapsulation of all Lead Based Paint
182	3	SP100-3(H)	RADIATOR	METAL	SILVER	A	.09 +/- .25			
183	3	SP100-3(H)	ELECTRICAL BOX	METAL	WHITE	C	0 +/- .2			
184	3	SP100-3(H)	DOOR	WOOD	WHITE	B	5.9 +/- 1.9	50	INTACT	Abatement or Encapsulation of all Lead Based Paint
185	3	SP100-3(H)	DOOR FRAME	METAL	WHITE	B	.3 +/- .2			
186	3	SP100-3(H)	DECORATIVE MOLDING	WOOD	WHITE	STAIRS	3.0 +/- 1.2	3	INTACT	Abatement or Encapsulation of all Lead Based Paint
187	3	SP100-3(H)	CONDUIT	METAL	WHITE	D	.07 +/- .30			
188	3	SP100-3(H)	CEILING TILE	WOOD	WHITE		0 +/- 0			
189	3	SP100-3(H)	CONDUIT	METAL	WHITE	CEILING	.03 +/- .05			
190	3	SP100-3(H)	LIGHT FIXTURE	METAL	WHITE	CEILING	0 +/- .05			
191	3	SP100-3(H)	ROOF ACCESS HATCH	METAL	WHITE	CEILING	5.1 +/- 1.8	6	INTACT	Abatement or Encapsulation of all Lead Based Paint
192	3	SP100-3(H)	FIRE HOSE DOOR	METAL	WHITE	C	.09 +/- .21			
193	3	SP100-3(H)	ROOF ACCESS HATCH	CONCRETE	WHITE	CEILING	0 +/- .01			
194	3	SP100-3(H)	ROOF ACCESS HATCH	WOOD	GREEN	CEILING	7.7 +/- 2.2	6	POOR	Abatement or Encapsulation of all Lead Based Paint
195	3	SP100-3(H)	ROOF ACCESS FRAME	WOOD	GREEN	CEILING	3.4 +/- 1.1	1	INTACT	Abatement or Encapsulation of all Lead Based Paint

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
ROOM SP113-3										
196	3	SP113-3	WALL	PLASTER	WHITE	A	.17 +/- .92			
197	3	SP113-3	WINDOW SILL	WOOD	WHITE	A	.2 +/- .3			
198	3	SP113-3	WINDOW FRAME	WOOD	WHITE	A	4.3 +/- 1.3	13	INTACT	Abatement or Encapsulation of all Lead Based Paint
199	3	SP113-3	HANDRAIL	METAL	WHITE	A	0 +/- .01			
200	3	SP113-3	RADIATOR	METAL	TAN	A	.09 +/- .19			
201	3	SP113-3	WINDOW SILL	WOOD	WHITE	A	.25 +/- .41			
202	3	SP113-3	WALL	DRYWALL	WHITE	B	0 +/- .01			
203	3	SP113-3	WALL	DRYWALL	WHITE	C	.02 +/- .05			
204	3	SP113-3	DOOR JAMB	METAL	GRAY	C	0 +/- .06			
205	3	SP113-3	DOOR	METAL	GRAY	C	0 +/- .1			
206	3	SP113-3	BASEBOARD	VINYL	BROWN	C	3.0 +/- 1.3	14	INTACT	Abatement or Encapsulation of all Lead Based Paint
207	3	SP113-3	PIPE	METAL	BLACK	C	0 +/- .01			
208	3	SP113-3	ACCESS PANEL	METAL	WHITE	C	0 +/- .11			
209	3	SP113-3	DROP CEILING TILE	WOOD	WHITE		.2 +/- .61			
210	3	SP113-3	CEILING GRID	METAL	BROWN		.01 +/- .07			
211	3	SP113-3	VENT	METAL	WHITE	CEILING	.2 +/- .8			
ROOM SPRAMP-3										
214	3	SPRAMP-3	WALL	PLASTER	WHITE	A	.0 +/- .01			
215	3	SPRAMP-3	DOOR FRAME	METAL	BROWN	A	0 +/- .10			
216	3	SPRAMP-3	DOOR	METAL	BROWN	A	.01 +/- .12			
217	3	SPRAMP-3	WALL	PLASTER	WHITE	B	.16 +/- .7			
218	3	SPRAMP-3	RADIATOR	METAL	WHITE	B	0 +/- .12			
219	3	SPRAMP-3	DOOR	METAL	GRAY	C	0 +/- .10			
220	3	SPRAMP-3	DOOR FRAME	METAL	GRAY	C	0 +/- .06			
221	3	SPRAMP-3	WALL	DRYWALL	WHITE	C	0 +/- .07			

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XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
222	3	SPRAMP-3	WALL	PLASTER	WHITE	D	.02 +/- .06			
223	3	SPRAMP-3	BASEBOARD	PLASTIC	GRAY	D	.46 +/- .95			
224	3	SPRAMP-3	DROP CEILING TILE	WOOD	WHITE		.3 +/- .47			
225	3	SPRAMP-3	CEILING GRID	METAL	BROWN		.16 +/- .16			
226	3	SPRAMP-3	CEILING	CONCRETE	BLACK		.03 +/- .07			
227	3		CALIBRATION				1.24 +/- .19			
228	3		CALIBRATION				0 +/- .03			
229	3		CALIBRATION				.32 +/- .09			
ROOM SP103-3										
230	3		SHUTTER CALIBRATION							
231	3		CALIBRATION				.33 +/- .12			
232	3		CALIBRATION				3.58 +/- .73			
233	3		CALIBRATION				0 +/- .09			
234	3	SP103-3	WALL	PLASTER	WHITE	A	.1 +/- .2			
235	3	SP103-3	WINDOW SILL	WOOD	WHITE	A	3.8 +/- 1.4	5	POOR	Abatement or Encapsulation of all Lead Based Paint
236	3	SP103-3	WINDOW FRAME	WOOD	WHITE	A	5.8 +/- 2.0	34	INTACT	Abatement or Encapsulation of all Lead Based Paint
237	3	SP103-3	RADIATOR	METAL	WHITE	A	0 +/- .04			
238	3	SP103-3	WALL	PLASTER	WHITE	B	.11 +/- .15			
239	3	SP103-3	BASEBOARD	VINYL	BROWN	C	5.1 +/- 1.6	20	INTACT	Abatement or Encapsulation of all Lead Based Paint
240	3	SP103-3	DOOR FRAME	METAL	GRAY	C	.05 +/- .17			
241	3	SP103-3	DOOR	METAL	GRAY	C	0 +/- .08			
242	3	SP103-3	CLOSET DOOR FRAME	METAL	WHITE	D	0 +/- .02			
243	3	SP103-3	CLOSET DOOR	METAL	WHITE	D	0 +/- .14			
244	3	SP103-3	CLOSET SHELVES	WOOD	WHITE	D	0 +/- .11			
245	3	SP103-3	CEILING	PLASTER	WHITE	CEILING	.07 +/- .15			
246	3	SP103-3	CONDUIT	METAL	WHITE		.01 +/- .03			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
ROOM SP100-3										
247	3	SP100-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	A	.32 +/- .66			
248	3	SP100-3	DOOR FRAME	WOOD	Beige	A	.01 +/- .14			
249	3	SP100-3	CONDUIT	METAL	WHITE	A	.05 +/- .10			
250	3	SP100-3	WALL	DRYWALL (WALLPAPER)	UNKNOWN	B	.01 +/- .04			
251	3	SP100-3	DOOR FRAME	METAL	WHITE	C	.01 +/- .18			
252	3	SP100-3	DOOR	METAL	WHITE	C	0 +/- .13			
253	3	SP100-3	WALL	DRYWALL (WALLPAPER)	UNKNOWN	C	.05 +/- .12			
254	3	SP100-3	WALL	DRYWALL (WALLPAPER)	UNKNOWN	D	0 +/- .07			
255	3	SP100-3	BANNISTER	METAL	WHITE	D	1.1 +/- .3	5	INTACT	Abatement or Encapsulation of all Lead Based Paint
256	3	SP100-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	C	0 +/- .02			
257	3	SP100-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	D	.09 +/- .37			
258	3	SP100-3	CIRCLE	METAL	WHITE	D	.01 +/- .17			
259	3	SP100-3	DROP CEILING TILE	WOOD	WHITE		.1 +/- .6			
260	3	SP100-3	CEILING GRID	METAL	BROWN		.03 +/- .14			
261	3	SP100-3	CEILING (DECK)	METAL	WHITE		1.8 +/- .6	50	INTACT	Abatement or Encapsulation of all Lead Based Paint
262	3	SP100-3	RAFTER	METAL	WHITE	CEILING	9.1 +/- 2.5	35	INTACT	Abatement or Encapsulation of all Lead Based Paint
263	3	SP100-3	CEILING (DECK)	METAL	ORANGE		2.9 +/- .09	45	INTACT	Abatement or Encapsulation of all Lead Based Paint
264	3	SP100-3	RAFTER	METAL	ORANGE	CEILING	1.6 +/- .3	18	INTACT	Abatement or Encapsulation of all Lead Based Paint
ROOM SPCOR1-3										
265	3	SPCOR1-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	A	.1 +/- .7			
266	3	SPCOR1-3	DOOR JAMB	METAL	WHITE	A	.01 +/- .08			
267	3	SPCOR1-3	DOOR	METAL	WHITE	A	0 +/- .04			
268	3	SPCOR1-3	WALL	DRYWALL	WHITE	A	0 +/- .10			
269	3	SPCOR1-3	DOOR FRAME	METAL	GRAY	A	0 +/- .03			
270	3	SPCOR1-3	DOOR	METAL	GRAY	A	.02 +/- .18			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
271	3	SPCOR1-3	WALL	PLASTER	WHITE	D	.56 +/- .44			
272	3	SPCOR1-3	WALL	PLASTER	WHITE	C	.1 +/- .9			
273	3	SPCOR1-3	WALL	DRYWALL	WHITE	D	0 +/- .05			
274	3	SPCOR1-3	BASEBOARD	VINYL	BLACK	C	.47 +/- .95			
275	3	SPCOR1-3	RADIATOR	METAL	WHITE	C	0 +/- .07			
276	3	SPCOR1-3	WALL	PLASTER	WHITE	B	.3 +/- .9			
277	3	SPCOR1-3	DROP CEILING TILE	WOOD	WHITE		.01 +/- .05			
278	3	SPCOR1-3	CEILING GRID	METAL	BROWN		.03 +/- .19			
279	3	SPCOR1-3	HANGER	METAL	GREEN	CEILING	0 +/- .08			
280	3	SPCOR1-3	SPEAKER	METAL	GRAY	CEILING	0 +/- .09			
281	3	SPCOR1-3	BEAM	METAL	WHITE	CEILING	0 +/- .09			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
282	3	OUTSIDE	STEPS	CONCRETE	GRAY	A	.02 +/- .07			
283	3	OUTSIDE	POLE	METAL	BLACK	A	5.1 +/- 1.6	20	INTACT	Abatement or Encapsulation of all Lead Based Paint
284	3	OUTSIDE	POLE	METAL	GRAY	A	8.4 +/- 2.5	1	INTACT	Abatement or Encapsulation of all Lead Based Paint
285	3	OUTSIDE	RAILING	METAL	BLACK	A	.8 +/- .1			
286	3	OUTSIDE	RAILING	METAL	GRAY	A	09 +/- .14			
287	3	OUTSIDE	RAIN SPOUT	METAL	BLACK	A	.03 +/- .02			
288	3	OUTSIDE	RAIN SPOUT HOLDER	METAL	BLACK	A	.02 +/- .02			
289	3	OUTSIDE	DOOR FRAME	METAL	BROWN	A	0 +/- .09			
290	3	OUTSIDE	DOOR	METAL	BROWN	A	0 +/- .11			
291	3	OUTSIDE	FLAG POLE HOLDER	METAL	BLACK	A	0 +/- .01			
292	3	OUTSIDE	METAL PLATE (ABOVE POLES)	METAL	BLACK	A	3.4 +/- 1.0	2	INTACT	Abatement or Encapsulation of all Lead Based Paint
293	3	OUTSIDE	PORCH CEILING	CONCRETE	WHITE	A	18 +/- 7.6	70	INTACT	Abatement or Encapsulation of all Lead Based Paint
294	3	OUTSIDE	HANDRAIL	METAL	GRAY	A	0 +/- .02			
295	3	OUTSIDE	FIRE ESCAPE	METAL	BLACK	D	.06 +/- .09			
296	3	OUTSIDE	WINDOW	METAL	RED	B	5.1 +/- 2.0	10	INTACT	Abatement or Encapsulation of all Lead Based Paint
297	3	OUTSIDE	PIPE	METAL	GRAY	B	.03 +/- .04			
298	3	OUTSIDE	HANGER	METAL	GRAY	B	.02 +/- .02			
299	3	OUTSIDE	HANDRAIL CAGE	METAL	BLACK	C	5.1 +/- 2.0	80	POOR	Abatement or Encapsulation of all Lead Based Paint
300	3	OUTSIDE	HANDRAIL	METAL	BLACK	C	.6 +/- .2			
301	3	OUTSIDE	DOOR	METAL	WHITE	C	.02 +/- .19			
302	3	OUTSIDE	DOOR FRAME	METAL	WHITE	C	.15 +/- .02			
303	3	OUTSIDE	VENT BOARD	METAL	RED	C	3.4 +/- 1.0	4	INTACT	Abatement or Encapsulation of all Lead Based Paint
304	3	OUTSIDE	METAL SQUARE	METAL	RED	D	4.8 +/- 1.9	2	INTACT	Abatement or Encapsulation of all Lead Based Paint
305	3	OUTSIDE	CALIBRATION				.31 +/- .06			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
306	3	OUTSIDE	CALIBRATION				0 +/- .01			
307	3	OUTSIDE	CALIBRATION				1.08 +/- .13			
10	3	OUTSIDE	FIRE ESCAPE	METAL	BLACK	C	.10 +/- .11			

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BUILDING 3
XRF SAMPLING RESULTS

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options
1			SHUTTER CALIBRATION							
2			CALIBRATION				1.1 +/- .1			
3			CALIBRATION				0 +/- .01			
4			CALIBRATION				.44 +/- .20			
5			CALIBRATION				.04 +/- .03			
6	3	ROOF	FLASHING	METAL	BROWN	C	.02 +/- .02			
7	3	ROOF	FLASHING	METAL	BROWN	D	.04 +/- .08			
8	3	ROOF	FLASHING	METAL	BROWN	A	.03 +/- .02			
9	3	ROOF	FLASHING	METAL	BROWN	B	.03 +/- .02			
11			CALIBRATION				1.04 +/- .07			
12			CALIBRATION				0 +/- .09			
13			CALIBRATION				.31 +/- .11			

Appendix D:
Dust wipe and soil sample results

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BUILDING 3
DUST WIPE RESULTS

Room Number	Sample Number	Building Component - Floor = F Window Sill = WS Window Trough =WT	Location (A, B, C, D)	Area Sampled (sq. ft.)	Condition of Paint (Intact, Fair or Poor)	Is The Surface Smooth & Cleanable? (Y/N)	Interim Controls / Abatement	Results ($\mu g/ft^2$)
SP2-3	1W	F		1	INTACT	Y	See Appendix F	550
SP7-3	1W	F		1	INTACT	Y	See Appendix F	980
SP6-3	1W	F		1	INTACT	Y	See Appendix F	1700
SP8-3	1W	F		1	INTACT	Y	See Appendix F	320
SP3-3	1W	F		1	INTACT	Y	See Appendix F	690
SP4-3	1W	F		1	INTACT	Y	See Appendix F	1800
SP5-3	1W	F		1	INTACT	Y	See Appendix F	1700
SP1-3	1W	F		1	INTACT	Y	See Appendix F	350
SP5-3	2W	WS	B	88 IN^2	POOR	Y	See Appendix F	6300
SP1-3	2W	WS	C	140 IN^2	INTACT	Y	See Appendix F	650
SP1-3(H)	1W	F		1	INTACT	Y	See Appendix F	1800
SP203-4	1W	F		1	INTACT	Y		<10
SP203-4	2W	WS	A	140 IN^2	INTACT	Y		13
SP202-3	1W	F		1	INTACT	Y		<10
SP202-3	2W	WS	C	140 IN^2	POOR	Y		19
SP201-3	1W	F		1	INTACT	Y		<10
SP201-3	2W	WS	B	140 IN^2	INTACT	Y		65
SP205-3	1W	F		1	INTACT	Y		<10
SP205-3	2W	WS	A	140 IN^2	INTACT	Y		19

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BUILDING 3
DUST WIPE RESULTS

Room Number	Sample Number	Building Component - Floor = F Window Sill = WS Window Trough =WT	Location (A, B, C, D)	Area Sampled (sq. ft.)	Condition of Paint (Intact, Fair or Poor)	Is The Surface Smooth & Cleanable? (Y/N)	Interim Controls / Abatement	Results ($\mu g/ft^2$)
SP205-3(H)	1W	F		1	INTACT	Y		<10
SP204-3	1W	F		1	INTACT	Y		<10
SP204-3	2W	WS	A	140 IN^2	INTACT	Y		19
SP200-3	1W	F		1	INTACT	Y		<10
SP200-3	2W	WS	C	140 IN^2	INTACT	Y		26
SP200-3(H)	1W	F		1	INTACT	Y		<10
SP209-3	1W	F		1	N/A	N-CARPET		<10
SP209-3	2W	WS	B	140 IN^2	INTACT	Y		19
SP208-3	1W	F		1	N/A	N-CARPET		<10
SP208-3	2W	WS	A	140 IN^2	INTACT	Y		23
SP206-3(H)	1W	F		1	N/A	N-CARPET		<10
SP210-3	1W	F		1	N/A	N-CARPET		<10
SP210-3	2W	WS	C	140 IN^2	POOR	Y		47
SP206-3	1W	F		1	N/A	N-CARPET		<10
SP206-3	2W	WS	A	140 IN^2	INTACT	Y		12
SP207-3	1W	F		1	INTACT	Y		<10
SP207-3	2W	WS	A	135 IN^2	INTACT	Y		13
SP211-3	1W	F		1	INTACT	Y		<10
SP211-3	2W	WS	C	140 IN^2	INTACT	Y		38

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BUILDING 3
DUST WIPE RESULTS

Room Number	Sample Number	Building Component - Floor = F Window Sill = WS Window Trough =WT	Location (A, B, C, D)	Area Sampled (sq. ft.)	Condition of Paint (Intact, Fair or Poor)	Is The Surface Smooth & Cleanable? (Y/N)	Interim Controls / Abatement	Results ($\mu g/ft^2$)
SP212-3	1W	F		1	INTACT	Y		<10
SP212-3	2W	WS	C	140 IN^2	INTACT	Y		11
SP212-3(H)	1W	F		1	N/A	N-CARPET		<10
SP111-3	1W	F		1	N/A	N-CARPET		<10
SP111-3	2W	WS	A	140 IN^2	INTACT	Y		10
SP110-3	1W	F		1	N/A	N-CARPET		<10
SP110-3	2W	WS	D	140 in^2	INTACT	Y		50
SP101-3	1W	F		1	N/A	N-CARPET		<10
SP101-3	2W	WS	A	140 IN^2	INTACT	Y		14
SP104-3	1W	F		1	N/A	N-CARPET		<10
SP104-3	2W	WS	C	140 IN^2	INTACT	Y		<10
SP105-3	1W	F		1	n/a	N-CARPET		<10
SP105-3	2W	WS	C	140 IN^2	INTACT	Y		26
SP109-3	1W	F		1	N/A	N-CARPET		<10
SP109-3	2W	WS	C	140 IN^2	INTACT	Y		<10
SP108-3	1W	F		1	N/A	N-CARPET		<10
SP108-3	2W	WS	C	140 IN^2	INTACT	Y		<10
SP112-3	1W	F		1	N/A	N-CARPET		<10
SP112-3	2W	WS	A	140 IN^2	INTACT	Y		10

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BUILDING 3
DUST WIPE RESULTS

Room Number	Sample Number	Building Component - Floor = F Window Sill = WS Window Trough =WT	Location (A, B, C, D)	Area Sampled (sq. ft.)	Condition of Paint (Intact, Fair or Poor)	Is The Surface Smooth & Cleanable? (Y/N)	Interim Controls / Abatement	Results ($\mu g/ft^2$)
SP102-3	1W	F		1	INTACT	Y		<10
SP106-3	1W	F		1	N/A	N-CARPET		<10
SP106-3	2W	WS	C	140 IN^2	INTACT	Y		42
SP100-3(H)	1W	F		1	N/A	N-CARPET		<10
SP100-3(H)	2W	WS	A	140 IN^2	INTACT	Y		46
SP113-3	1W	F		1	INTACT	Y		<10
SP113-3	2W	WS	A	140 IN^2	INTACT	Y		<10
SP103-3	1W	F		1	N/A	N-CARPET		<10
SP103-3	2W	WS	A	140 IN^2	POOR	Y		36
SP100-3	1W	F		1	N/A	N-CARPET		<10
SPFB-1								<10
SPFB-2								<10
SPFB-3	SPIKE							240

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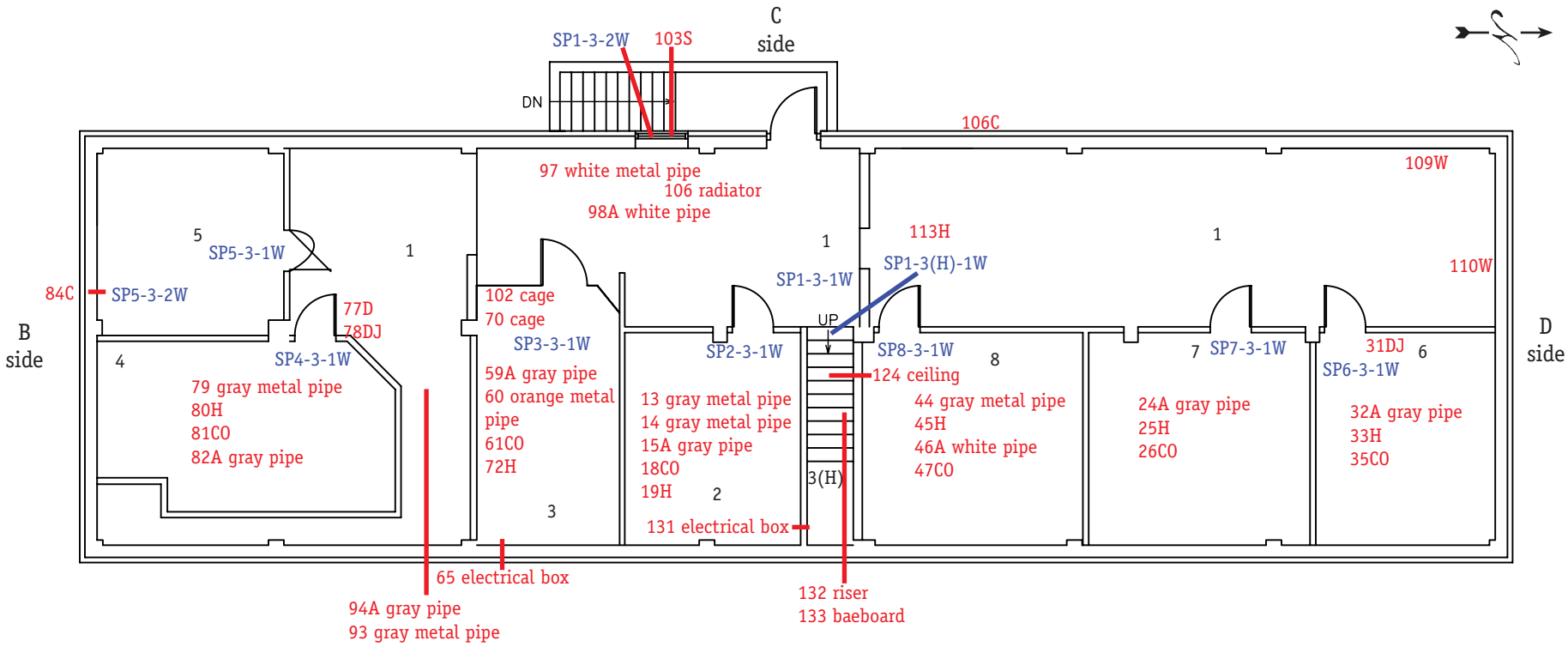
BUILDING 3
SOIL SAMPLING RESULTS

Sample Number	Building Number	Room Number	Building Component - Floor = F Window Sill = WS Window Trough =WT	Location (A, B, C, D)	Area Sampled (sq. ft.)	Condition of Paint (Intact, Fair or Poor)	Is The Surface Smooth & Cleanable? (Y/N)	Interim Controls / Abatement	Results (ug/ft^2)
DL1	3	OUTSIDE	DRIP LINE						<40
OPEN1	3	OUTSIDE	OPEN SOIL						<40

Appendix E:
Drawings



key

BB = baseboard
CS = closet shelves
CD = closet door
D = door
C = casing
S = sill
CO = conduit
DM = decorative molding
DJ = door jamb
A = asbestos insulated
H = hanger
B = banister

notes: red numbers are positive XRF sample numbers and can be found in Appendix C
blue numbers ending in 1W or 2W are dust wipes and can be found in Appendix D
black numbers are room numbers
all positive pipes and conduits have been labeled

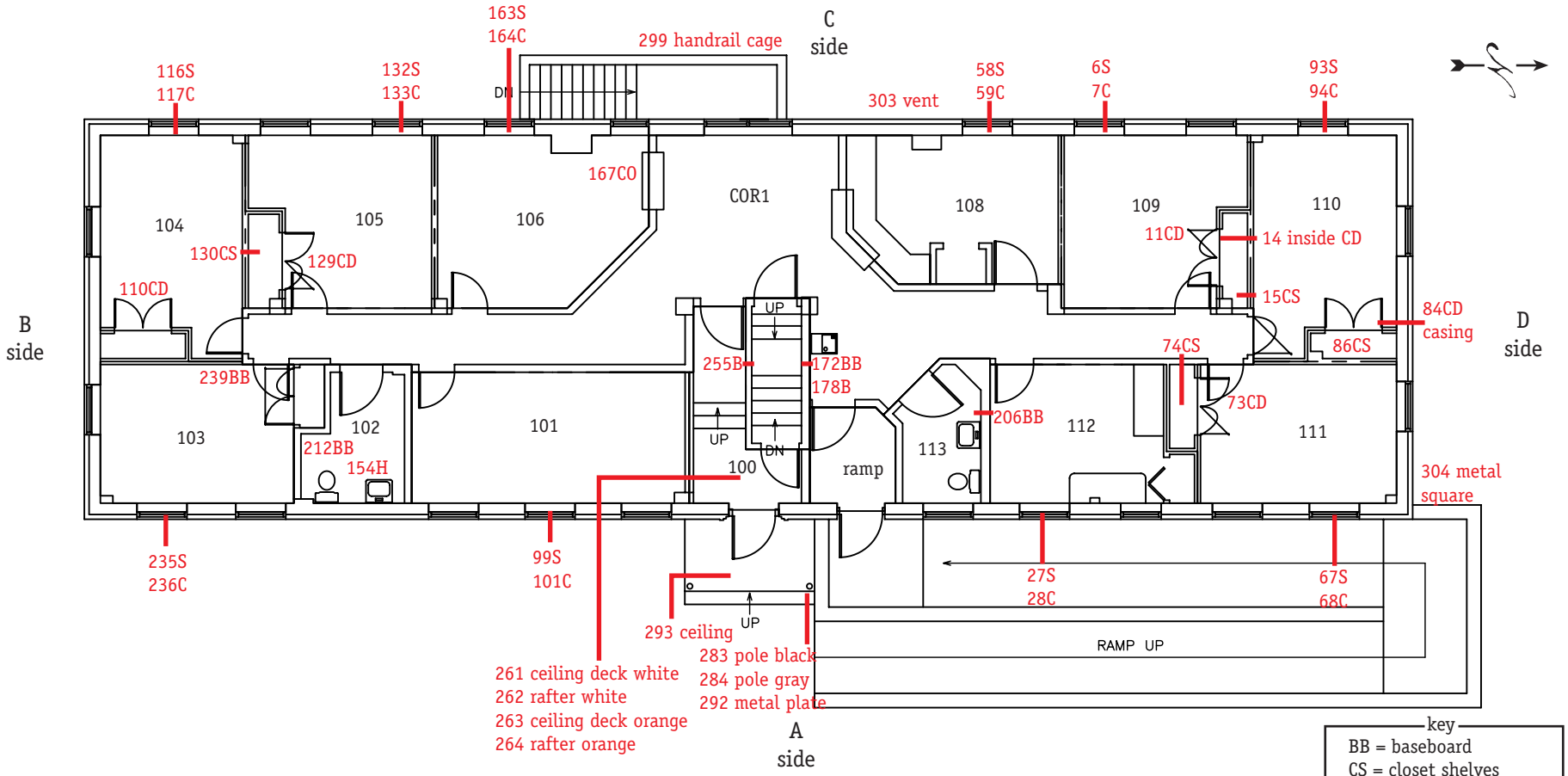
For environmental management purposes only.

figure
Figure 1: Building #3 basement positive XRF/dust wipe results

client	date	drawn by	rev. no.
Aleda E. Lutz Department of Veteran Affairs Medical Center	October 30, 2009	MD	2

facility	scale	project no.
1500 Weiss Saginaw, MI	*no scale*	PN-2906013

Earth Smart Environmental Solutions, LLC
voice: 734-260-8624
fax: 517-423-5357
www.es2connection.us



key
- BB = baseboard
- CS = closet shelves
- CD = closet door
- D = door
- C = casing
- S = sill
- CO = conduit
- DM = decorative molding
- DJ = door jamb
- A = asbestos insulated
- H = hanger
- B = banister

notes: red numbers are positive XRF sample numbers and can be found in Appendix C
blue numbers ending in 1W or 2W are dust wipes and can be found in Appendix D
black numbers are room numbers
all positive pipes and conduits have been labeled

For environmental management purposes only.

figure
Figure 2: Building #3 first floor positive XRF/dust wipe results

client	date	drawn by	rev. no.
Aleda E. Lutz Department of Veteran Affairs Medical Center	October 30, 2009	MD	2

facility	scale	project no.
1500 Weiss Saginaw, MI	*no scale*	PN-2906013

Earth Smart Environmental Solutions, LLC
voice: 734-260-8624
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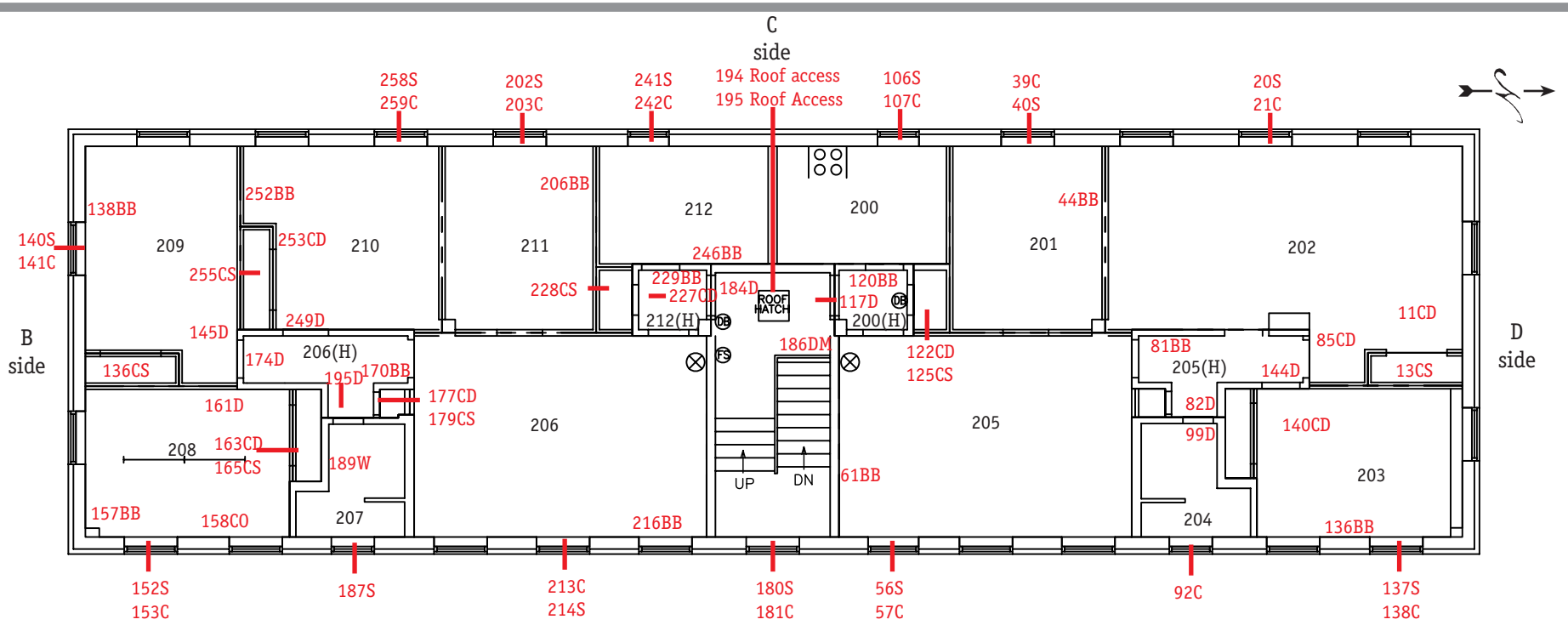

key

BB = baseboard
CS = closet shelves
CD = closet door
D = door
C = casing
S = sill
CO = conduit
DM = decorative molding
DJ = door jamb
A = asbestos insulated
H = hanger
B = banister

notes: red numbers are positive XRF sample numbers and can be found in Appendix C
blue numbers ending in 1W or 2W are dust wipes and can be found in Appendix D
black numbers are room numbers
all positive pipes and conduits have been labeled

For environmental management purposes only.

figure
Figure 3: Building #3 second floor floor positive XRF/dust wipe results

client	date	drawn by	rev. no.
Aleda E. Lutz Department of Veteran Affairs Medical Center	October 30, 2009	MD	2

facility	scale	project no.
1500 Weiss Saginaw, MI	*no scale*	PN-2906013

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Appendix F:
Interim controls and re-evaluation schedule for hazardous levels of dust

Interim Control Options and Re-evaluation Schedule for Hazardous Levels of Dust

Location	Component	Interim Controls	Abatement Options	Re-evaluation Schedule
SP2-3	Floor	A through cleaning of all horizontal surfaces such as interior window sills, window troughs, floors and stairs, but excluding ceilings in accordance with 24 CFR 35.1130 (e)(2) this may or may not include replacement of all windows with lead hazards	Abatement of all lead based paint using encapsulation or enclosure or removal of all lead based paint in accordance with 24 CFR 35.1325	See Attached Table
SP7-3	Floor	A through cleaning of all horizontal surfaces such as interior window sills, window troughs, floors and stairs, but excluding ceilings in accordance with 24 CFR 35.1130 (e)(2) this may or may not include replacement of all windows with lead hazards	Abatement of all lead based paint using encapsulation or enclosure or removal of all lead based paint in accordance with 24 CFR 35.1325	See Attached Table
SP6-3	Floor	A through cleaning of all horizontal surfaces such as interior window sills, window troughs, floors and stairs, but excluding ceilings in accordance with 24 CFR 35.1130 (e)(2) this may or may not include replacement of all windows with lead hazards	Abatement of all lead based paint using encapsulation or enclosure or removal of all lead based paint in accordance with 24 CFR 35.1325	See Attached Table
SP8-3	Floor	A through cleaning of all horizontal surfaces such as interior window sills, window troughs, floors and stairs, but excluding ceilings in accordance with 24 CFR 35.1130 (e)(2) this may or may not include replacement of all windows with lead hazards	Abatement of all lead based paint using encapsulation or enclosure or removal of all lead based paint in accordance with 24 CFR 35.1325	See Attached Table

Location	Component	Interim Controls	Abatement Options	Re-evaluation Schedule
SP3-3	Floor	A through cleaning of all horizontal surfaces such as interior window sills, window troughs, floors and stairs, but excluding ceilings in accordance with 24 CFR 35.1130 (e)(2) this may or may not include replacement of all windows with lead hazards	Abatement of all lead based paint using encapsulation or enclosure or removal of all lead based paint in accordance with 24 CFR 35.1325	See Attached Table
SP4-3	Floor	A through cleaning of all horizontal surfaces such as interior window sills, window troughs, floors and stairs, but excluding ceilings in accordance with 24 CFR 35.1130 (e)(2) this may or may not include replacement of all windows with lead hazards	Abatement of all lead based paint using encapsulation or enclosure or removal of all lead based paint in accordance with 24 CFR 35.1325	See Attached Table
SP5-3	Floor	A through cleaning of all horizontal surfaces such as interior window sills, window troughs, floors and stairs, but excluding ceilings in accordance with 24 CFR 35.1130 (e)(2) this may or may not include replacement of all windows with lead hazards	Abatement of all lead based paint using encapsulation or enclosure or removal of all lead based paint in accordance with 24 CFR 35.1325	See Attached Table
SP1-3	Floor	A through cleaning of all horizontal surfaces such as interior window sills, window troughs, floors and stairs, but excluding ceilings in accordance with 24 CFR 35.1130 (e)(2) this may or may not include replacement of all windows with lead hazards	Abatement of all lead based paint using encapsulation or enclosure or removal of all lead based paint in accordance with 24 CFR 35.1325	See Attached Table

Location	Component	Interim Controls	Abatement Options	Re-evaluation Schedule
SP5-3	Window Sill	A through cleaning of all horizontal surfaces such as interior window sills, window troughs, floors and stairs, but excluding ceilings in accordance with 24 CFR 35.1130 (e)(2) this may or may not include replacement of all windows with lead hazards	Abatement of all lead based paint using encapsulation or enclosure or removal of all lead based paint in accordance with 24 CFR 35.1325	See Attached Table
SP1-3	Window Sill	A through cleaning of all horizontal surfaces such as interior window sills, window troughs, floors and stairs, but excluding ceilings in accordance with 24 CFR 35.1130 (e)(2) this may or may not include replacement of all windows with lead hazards	Abatement of all lead based paint using encapsulation or enclosure or removal of all lead based paint in accordance with 24 CFR 35.1325	See Attached Table
SP1-3(H)	Floor	A through cleaning of all horizontal surfaces such as interior window sills, window troughs, floors and stairs, but excluding ceilings in accordance with 24 CFR 35.1130 (e)(2) this may or may not include replacement of all windows with lead hazards	Abatement of all lead based paint using encapsulation or enclosure or removal of all lead based paint in accordance with 24 CFR 35.1325	See Attached Table

Table 6.1 Standard Reevaluation Schedules

Schedule	Evaluation Results	Action Taken	Reevaluation Frequency and Duration	Visual Survey (by owner or owner's representative)
1	Combination risk assessment/inspection finds no leaded dust or soil and no lead-based paint.	None.	None.	None.
2	No lead-based paint hazards found during risk assessment conducted before hazard control or at clearance (hazards include dust and soil).	None.	3 Years.	Annually and whenever information indicates a possible problem .
3	The average of leaded dust levels on all floors, interior window sills, or window troughs sampled exceeds the applicable standard, but by less than a factor of 10.	A. Interim controls and/or hazard abatement (or mixture of the two), including, but not necessarily limited to, dust removal. This schedule does not include window replacement.	1 Year, 2 Years.	Same as Schedule 2, except for encapsulants. The first visual survey of encapsulants should be done one month after clearance; the second should be done 6 months later and annually thereafter.
		B. Treatments specified in section A plus replacement of all windows with lead hazards.	1 Year.	
		C. Abatement of all lead-based paint using encapsulation or enclosure.	None.	Same as Schedule 3 above.
		D. Removal of all lead-based paint.	None.	None.
4	The average of leaded dust levels on all floors, interior window sills, or window troughs sampled exceeds the applicable standard by a factor of 10 or more.	A. Interim controls and/or hazard abatement (or mixture of the two), including, but not necessarily limited to dust removal. This schedule does not include window replacement.	6 Months, 1 Year, 2 Years.	Same as Schedule 3.
		B. Treatments specified in section A plus replacement of all windows with lead hazards.	6 Months, 2 Years.	Same as Schedule 3.
		C. Abatement of all lead-based paint using encapsulation and enclosure.	None.	Same as Schedule 3.
		D. Removal of all lead-based paint.	None.	None.

Table 6.1 Standard Reevaluation Schedules (continued)

Schedule	Evaluation Results	Action Taken	Reevaluation Frequency and Duration	Visual Survey (by owner or owner's representative)
5	No leaded dust or leaded soil hazards identified, but lead-based paint or lead-based paint hazards are found.	A. Interim controls or mixture of interim controls and a batement (not including window replacement).	2 Years.	Same as Schedule 3.
		B. Mixture of interim controls and abatement, including window replacement.	3 Years.	Same as Schedule 3.
		C. Abatement of all lead-based paint *hazards*, but not all lead-based paint.	4 Years.	Same as Schedule 3.
		D. Abatement of all lead-based paint using encapsulation or enclosure.	None.	Same as Schedule 3.
		E. Removal of all lead-based paint.	None.	None.
6	Bare leaded soil exceeds standard, but less than 5,000 µg/g.	Interim controls.	None.	Three months to check new ground cover, then annually to identify new bare spots.
7	Bare leaded soil greater than or equal to 5,000 µg/g.	Abatement (paving or removal).	None.	None for removal, annually to identify new bare spots or deterioration of paving.

See notes to table 6.1 on following page.

Notes to Table 6.1:

1. When more than one schedule applies to a dwelling, use the one with the most stringent reevaluation schedule. Do not use the results of a reevaluation for Schedule 2.

2. A lead-based paint hazard includes, but is not limited to, deteriorated lead-based paint and leaded dust and soil above applicable standards. See the Glossary for a more complete definition.

3. The frequency of reevaluations and the interval between reevaluations depends on the findings at each reevaluation and the action taken. For example, a dwelling unit or common area falling under Schedule 3.A would be reevaluated 1 year after clearance. If no lead-based paint hazards are detected at that time, the unit or area would be reevaluated again 2 years after the first reevaluation. If no hazards are found in the second reevaluation, no further reevaluation is necessary, but annual visual monitoring should continue.

   If, on the other hand, the unit or common area fails a reevaluation, a new reevaluation schedule should be determined based on the results of the reevaluation and the action taken. For instance, if the re-evaluation finds deteriorated lead-based paint but no lead-contaminated dust, and the action taken is paint stabilization, Schedule 5.A would apply, which indicates that the next reevaluation should be in 2 years. If, however, the owner of this same property decides to abate all lead-based paint hazards instead of doing only paint stabilization, the property would move to Schedule 5.C, which calls for reevaluation 4 years from the date of clearance after the hazard abatement.

   Following another scenario, suppose a reevaluation of this same dwelling unit or common area finds that the average dust lead levels on sampled window troughs exceeds the applicable standard by a factor of 10 or more, but no other lead-based paint hazards. The owner conducts dust removal. In this case the next reevaluation would be 6 months after clearance followed by another a year later, followed by yet another 2 years later, as indicated by Schedule 4.A.

4. The initial evaluation results determine which reevaluation schedule should be applied. An initial evaluation can be a risk assessment, a risk assessment/ inspection combination, or, if the owner has opted to bypass the initial evaluation and proceed directly to controlling suspected hazards, a combination risk assessment/clearance examination. This type of clearance must be conducted by a certified risk assessor, who should determine if all hazards were in fact controlled. The results of the initial clearance dust tests, soil sampling and visual examination should be used to determine the appropriate schedule. If repeated cleaning was necessary to achieve clearance, use the results of the dust tests *before* repeated cleaning was performed for schedule determination.

5. If a unit fails two consecutive reevaluations, the reevaluation interval should be reduced by half and the number of reevaluations should be doubled. If deteriorated lead-based paint hazards continue to occur, then the offending components/surfaces should be abated. If dwellings with dust hazards but no paint-related hazards repeatedly fail reevaluations, the exterior source should be identified (if identification efforts fail, regular dust removal efforts are needed).

Appendix G:
Laboratory results and chains-of-custody

EMSL Analytical, Inc.
2001 East 52nd St., Indianapolis, IN 46205
Phone: (317) 803-2997 Fax: (317) 803-3047 Email: indianapolislab@emsl.com

Attn: **Amarjit Sidhu**
Advanced Environmental Management Group
44339 Plymouth Oaks Blvd.
Plymouth, MI 48170-2585

Fax: (810) 966-9853 Phone: (810) 966-9850
Project: **None Given**

Customer ID: EPSP62
Customer PO:
Received: 07/14/09 9:00 AM
EMSL Order: 160910668

EMSL Proj:

Lead in Soils by Flame AAS (SW 846 3050B*/7000B)

Lab ID:	***Analyzed***	***RDL***	*Lead* ***Concentration***	***Notes***	
0068	7/16/2009	40 mg/Kg	<40 mg/Kg		
Client Sample	DL1			***Collected:***	7/13/2009
0069	7/16/2009	40 mg/Kg	<40 mg/Kg		
Client Sample	OPEN 1			***Collected:***	7/13/2009

Doug Wiegand, Laboratory Manager
or other approved signatory

Reporting limit is 40 mg/kg. The QC data associated with these sample results included in this report meet the method quality control requirements, unless specifically indicated otherwise. Unless noted, results in this report are not blank corrected . This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities.

* slight modifications to methods applied Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted

Samples analyzed by EMSL Analytical, Inc. Indianapolis 2001 East 52nd St., Indianapolis IN AIHA ELLAP 157245, OH E10040

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Advanced Environmental Management Group
44339 Plymouth Oaks Blvd.
Plymouth, MI 48170-2585

Fax: (810) 966-9853 Phone: (810) 966-9850
Project: **None Given**

Customer ID: EPSP62
Customer PO:
Received: 07/14/09 9:00 AM
EMSL Order: 160910668

EMSL Proj:

Lead in Dust by Flame AAS (SW 846 3050B*/7000B)

Lab ID:	Analyzed	Area Sampled	RDL	Lead Concentration	Notes	
0001	7/15/2009	144 in²	10 µg/ft²	550 µg/ft²		
Client Sample	SP2-3-1W				Collected:	7/13/2009
0002	7/15/2009	144 in²	10 µg/ft²	980 µg/ft²		
Client Sample	SP7-3-1W				Collected:	7/13/2009
0003	7/15/2009	144 in²	100 µg/ft²	1700 µg/ft²		
Client Sample	SP6-3-1W				Collected:	7/13/2009
0004	7/15/2009	144 in²	10 µg/ft²	320 µg/ft²		
Client Sample	SP8-3-1W				Collected:	7/13/2009
0005	7/15/2009	144 in²	10 µg/ft²	690 µg/ft²		
Client Sample	SP3-3-1W				Collected:	7/13/2009
0006	7/15/2009	144 in²	100 µg/ft²	1800 µg/ft²		
Client Sample	SP4-3-1W				Collected:	7/13/2009
0007	7/15/2009	144 in²	100 µg/ft²	1700 µg/ft²		
Client Sample	SP5-3-1W				Collected:	7/13/2009
0008	7/15/2009	144 in²	10 µg/ft²	350 µg/ft²		
Client Sample	SP1-3-1W				Collected:	7/13/2009
0009	7/15/2009	88 in²	160 µg/ft²	6300 µg/ft²		
Client Sample	SP5-3-2W				Collected:	7/13/2009
0010	7/15/2009	140 in²	10 µg/ft²	650 µg/ft²		
Client Sample	SP1-3-2W				Collected:	7/13/2009
0011	7/15/2009	144 in²	100 µg/ft²	1800 µg/ft²		
Client Sample	SP1-3(H)-1W				Collected:	7/13/2009

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Customer ID: EPSP62
Customer PO:
Received: 07/14/09 9:00 AM
EMSL Order: 160910668

EMSL Proj:

Lead in Dust by Flame AAS (SW 846 3050B*/7000B)

Lab ID:	Analyzed	Area Sampled	RDL	Lead Concentration	Notes	
0012	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP203-4-1W				**Collected:**	7/13/2009
0013	7/15/2009	140 in²	10 µg/ft²	13 µg/ft²		
Client Sample	SP203-4-2W				**Collected:**	7/13/2009
0014	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP202-3-1W				**Collected:**	7/13/2009
0015	7/15/2009	140 in²	10 µg/ft²	19 µg/ft²		
Client Sample	SP202-3-2W				**Collected:**	7/13/2009
0016	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP201-3-1W				**Collected:**	7/13/2009
0017	7/15/2009	140 in²	10 µg/ft²	65 µg/ft²		
Client Sample	SP201-3-2W				**Collected:**	7/13/2009
0018	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP205-3-1W				**Collected:**	7/13/2009
0019	7/15/2009	140 in²	10 µg/ft²	19 µg/ft²		
Client Sample	SP205-3-2W				**Collected:**	7/13/2009
0020	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP205-3(H)-1W				**Collected:**	7/13/2009
0021	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP204-3-1W				**Collected:**	7/13/2009
0022	7/15/2009	140 in²	10 µg/ft²	19 µg/ft²		
Client Sample	SP204-3-2W				**Collected:**	7/13/2009

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Customer ID: EPSP62
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EMSL Order: 160910668

EMSL Proj:

Lead in Dust by Flame AAS (SW 846 3050B*/7000B)

Lab ID:	Analyzed	Area Sampled	RDL	Lead Concentration	Notes	
0023	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP200-3-1W				**Collected:**	7/13/2009
0024	7/15/2009	140 in²	10 µg/ft²	26 µg/ft²		
Client Sample	SP200-3-2W				**Collected:**	7/13/2009
0025	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP200-3(H)-1W				**Collected:**	7/13/2009
0026	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP209-3-1W				**Collected:**	7/13/2009
0027	7/15/2009	140 in²	10 µg/ft²	19 µg/ft²		
Client Sample	SP209-3-2W				**Collected:**	7/13/2009
0028	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP208-3-1W				**Collected:**	7/13/2009
0029	7/15/2009	140 in²	10 µg/ft²	23 µg/ft²		
Client Sample	SP208-3-2W				**Collected:**	7/13/2009
0030	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP206-3(H)-1W				**Collected:**	7/13/2009
0031	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP210-3-1W				**Collected:**	7/13/2009
0032	7/15/2009	140 in²	10 µg/ft²	47 µg/ft²		
Client Sample	SP210-3-2W				**Collected:**	7/13/2009
0033	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP206-3-1W				**Collected:**	7/13/2009

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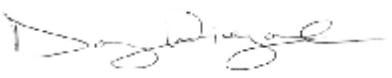
Project: **None Given**

Customer ID: EPSP62
Customer PO:
Received: 07/14/09 9:00 AM
EMSL Order: 160910668

EMSL Proj:

Lead in Dust by Flame AAS (SW 846 3050B*/7000B)

Lab ID:	Analyzed	Area Sampled	RDL	Lead Concentration	Notes	
0034	7/15/2009	140 in²	10 µg/ft²	12 µg/ft²		
Client Sample	SP206-3-2W				**Collected:**	7/13/2009
0035	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP207-3-1W				**Collected:**	7/13/2009
0036	7/15/2009	140 in²	10 µg/ft²	13 µg/ft²		
Client Sample	SP207-3-2W				**Collected:**	7/13/2009
0037	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP211-3-1W				**Collected:**	7/13/2009
0038	7/15/2009	140 in²	10 µg/ft²	38 µg/ft²		
Client Sample	SP211-3-2W				**Collected:**	7/13/2009
0039	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP212-3-1W				**Collected:**	7/13/2009
0040	7/15/2009	140 in²	10 µg/ft²	11 µg/ft²		
Client Sample	SP212-3-2W				**Collected:**	7/13/2009
0041	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP212-3(H)-1W				**Collected:**	7/13/2009
0042	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP111-3-1W				**Collected:**	7/13/2009
0043	7/15/2009	140 in²	10 µg/ft²	10 µg/ft²		
Client Sample	SP111-3-2W				**Collected:**	7/13/2009
0044	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP110-3-1W				**Collected:**	7/13/2009



Doug Wiegand, Laboratory Manager
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Project: **None Given**

Customer ID: EPSP62
Customer PO:
Received: 07/14/09 9:00 AM
EMSL Order: 160910668
EMSL Proj:

Lead in Dust by Flame AAS (SW 846 3050B*/7000B)

Lab ID:	***Analyzed***	*Area Sampled*	***RDL***	*Lead* ***Concentration***	***Notes***
0045	7/15/2009	140 in²	10 µg/ft²	50 µg/ft²	
Client Sample	SP110-3-2W				***Collected:*** 7/13/2009
0046	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²	
Client Sample	SP101-3-1W				***Collected:*** 7/13/2009
0047	7/15/2009	140 in²	10 µg/ft²	14 µg/ft²	
Client Sample	SP101-3-2W				***Collected:*** 7/13/2009
0048	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²	
Client Sample	SP104-3-1W				***Collected:*** 7/13/2009
0049	7/15/2009	140 in²	10 µg/ft²	<10 µg/ft²	
Client Sample	SP104-3-2W				***Collected:*** 7/13/2009
0050	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²	
Client Sample	SP105-3-1W				***Collected:*** 7/13/2009
0051	7/15/2009	140 in²	10 µg/ft²	26 µg/ft²	
Client Sample	SP105-3-2W				***Collected:*** 7/13/2009
0052	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²	
Client Sample	SP109-3-1W				***Collected:*** 7/13/2009
0053	7/15/2009	140 in²	10 µg/ft²	<10 µg/ft²	Sample was one of two labeled as SP103-3-2W. No sample was labeled SP109-3-2W
Client Sample	SP109-3-2W				***Collected:*** 7/13/2009
0054	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²	
Client Sample	SP108-3-1W				***Collected:*** 7/13/2009

Doug Wiegand, Laboratory Manager
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Project: **None Given**

Customer ID: EPSP62
Customer PO:
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EMSL Order: 160910668

EMSL Proj:

Lead in Dust by Flame AAS (SW 846 3050B*/7000B)

Lab ID:	Analyzed	Area Sampled	RDL	Lead Concentration	Notes	
0055	7/15/2009	140 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP108-3-2W				Collected:	7/13/2009
0056	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP112-3-1W				Collected:	7/13/2009
0057	7/15/2009	140 in²	10 µg/ft²	10 µg/ft²		
Client Sample	SP112-3-2W				Collected:	7/13/2009
0058	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP102-3-1W				Collected:	7/13/2009
0059	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP106-3-1W				Collected:	7/13/2009
0060	7/15/2009	140 in²	10 µg/ft²	42 µg/ft²		
Client Sample	SP106-3-2W				Collected:	7/13/2009
0061	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP100-3(H)-1W				Collected:	7/13/2009
0062	7/15/2009	140 in²	10 µg/ft²	46 µg/ft²		
Client Sample	SP100-3(H)-2W				Collected:	7/13/2009
0063	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP113-3-1W				Collected:	7/13/2009
0064	7/15/2009	140 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP113-3-2W				Collected:	7/13/2009
0065	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²		
Client Sample	SP103-3-1W				Collected:	7/13/2009

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Project: **None Given**

Customer ID: EPSP62
Customer PO:
Received: 07/14/09 9:00 AM
EMSL Order: 160910668

EMSL Proj:

Lead in Dust by Flame AAS (SW 846 3050B*/7000B)

Lab ID:	***Analyzed***	*Area Sampled*	***RDL***	*Lead* ***Concentration***	***Notes***
0066	7/15/2009	140 in²	10 µg/ft²	36 µg/ft²	One of two samples labeled as SP103-3-2W
Client Sample	SP103-3-2W				***Collected:*** 7/13/2009
0067	7/15/2009	144 in²	10 µg/ft²	<10 µg/ft²	
Client Sample	SP100-3-1W				***Collected:*** 7/13/2009
0070	7/16/2009	0 in²	10 µg/wipe	<10 µg/wipe	
Client Sample	SPFB-1				***Collected:*** 7/13/2009
0071	7/16/2009	0 in²	10 µg/wipe	<10 µg/wipe	
Client Sample	SPFB-2				***Collected:*** 7/13/2009
0072	7/16/2009	144 in²	10 µg/ft²	240 µg/ft²	
Client Sample	SPFB-3				***Collected:*** 7/13/2009

Doug Wiegand, Laboratory Manager
or other approved signatory

Samples analyzed by EMSL Analytical, Inc. Indianapolis 2001 East 52nd St., Indianapolis IN AIHA ELLAP 157245

160910668

Chain of Custody

Lead Lab Services

EMSL Analytical, Inc.
2001 East 52nd Street
Indianapolis, IN 46205

Phone: (317) 803-2997
Fax: (317) 803-3047
http://www.emsl.com

Please print all information legibly.

Company:	AEM Group	***Bill To:***	AEM Group
Address1:	44339 Plymouth Oaks Blvd.	*Address1:*	44339 Plymouth Oaks Blvd.
Address2:		*Address2:*	
City, State:	Plymouth, MI	*City, State:*	Plymouth, MI
Zip/Post Code:	48170	*Zip/Post Code:*	48170
Country:		*Country:*	
Contact Name:	Amarjit Sidhu	***Attn:***	Amarjit Sidhu
Phone:	734-354-9070	*Phone:*	734-354-9070
Fax:		*Fax:*	
Email:		*Email:*	
EMSL Rep:		***P.O. Number:***	
Project Name/Number:			

MATRIX	METHOD	INSTRUMENT	RL (Reporting Limit)	TAT
Lead Chips*	SW846-7420, 3050B Mod./AOAC(974.02)	Flame Atomic Absorption	0.01% ++	
Lead WasteWater	SW846-7420	Flame Atomic Absorption	0.4 mg/l water 40 mg/kg (ppm) soil	
Lead Soil +	or SW846-6010B	ICP	0.1 mg/l water 10 mg/kg (ppm) soil	
Lead in Air ***	NIOSH 7082 Mod.	Flame Atomic Absorption	4 ug/filter	
	or NIOSH 7300 Mod.	ICP	3.0 ug/filter	
Lead in Wipe^ ☑ -ASTM *List Wipe Type* _____ ☐ -non ASTM	SW846-7420 / HUD Appendix 14.2 Digest	Flame Atomic Absorption	10 ug/wipe	Standard
	or SW846-6010B	ICP	3.0 ug/wipe	
TCLP Lead **	SW846-1311/ 7420	Flame Atomic Absorption	0.4 mg/l (ppm)	
	or SW846-6010B	ICP	0.1 mg/l (ppm)	
STLC Lead (California) #	CA Title 22 66261.126/ SW846-7420	Flame Atomic Absorption	0.4 mg/l (ppm)	
	or SW846-6010B	ICP	0.1 mg/l (ppm)	
Lead in Air ****	NIOSH 7105 Mod.	Graphite Furnace Atomic Absorption	0.03 ug/filter	
Lead WasteWater	SW846-7421	Graphite Furnace Atomic Absorption	0.003 mg/l (ppm) water	
Lead Soil + ☑			0.03 mg/kg (ppm) soil	standard
Lead in Drinking Water (check state Certification requirements)	EPA 239.2 / 200.9	Graphite Furnace Atomic Absorption	0.003 mg/l (ppm)	
Total Dust	NIOSH 0500-0600	Gravimetric Reduction	0.0001g	

per Amarjit

10668

TAT (Turnaround) - Same day, 24 hr - 1 Day, 2 Days, 3 Days, 4 Days, 5 Days, 6-10 Days
*, **, ***, ****, +, ++ ,# Please Refer to Price Quote
^ If no box is checked, non-ASTM is assumed

Chain of Custody

Lead Lab Services

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Please print all information legibly.

SAMPLE #	LOCATION	Air Volume, L Area, in^2	LAB #
SP2-3-1W	~~Building 3~~ floor	144 in^2	
SP7-3-1W	~~Building 3~~ floor	144 in^2	
SP6-3-1W	~~Building 3~~ floor	144 in^2	
SP8-3-1W	~~Building 3~~ floor	144 in^2	
SP3-3-1W	~~Building 3~~ floor	144 in^2	
SP4-3-1W	~~Building 3~~ floor	144 in^2	
SP5-3-1W	~~Building 3~~ floor	144 in^2	
SP1-3-1W	~~Building 3~~ floor	144 in^2	
SP5-3-2W	~~Building 3~~ sill	88 in^2	
SP1-3-2W	window sill	140 in^2	
SP1-3(H)-1W	floor	144 in^2	
SP203-4-1W	floor	144 in^2	
SP203-4-2W	window sill	140 in^2	
SP202-3-1W	floor	144 in^2	
SP202-3-2W	window sill	140 in^2	
SP201-3-1W	floor	144 in^2	
SP201-3-2W	window sill	140 in^2	
SP205-3-1W	floor	144 in^2	
SP205-3-2W	window sill	140 in^2	
SP205-3(H)-1W	floor	144 in^2	
SP204-3-1W	floor	144 in^2	
SP204-3-2W	window sill	140 in^2	
SP200-3-1W	floor	144 in^2	
SP200-3-2W	window sill	140 in^2	
SP200-3(H)-1W	floor	144 in^2	
SP209-3-1W	floor	144 in^2	
SP209-3-2W	window sill	140 in^2	
SP208-3-1W	floor	144 in^2	

@Relinquished By: (Person) _____ **Date:** 7-13-09

10668

TAT (Turnaround) - Same day, 24 hr - 1 Day, 2 Days, 3 Days, 4 Days, 5 Days, 6-10 Days
*, **, ***, ****, +, ++ ,# Please Refer to Price Quote
^ If no box is checked, non-ASTM is assumed

Chain of Custody

Lead Lab Services

EMSL Analytical, Inc.
2001 East 52nd Street
Indianapolis, IN 46205

Phone: (317) 803-2997
Fax: (317) 803-3047
http://www.emsl.com

Please print all information legibly.

SAMPLE #	LOCATION	Air Volume, L Area, in^2	LAB #
SP208-3-2W	Window Sill	140in2	
SP206-3(H)-1W	floor	144in2	
SP210-3-1W	floor	144in2	
SP210-3-2W	window sill	140in2	
SP206-3-1W	floor	144in2	
SP206-3-2W	window sill	140in2	
SP207-3-1W	floor	144in2	
SP207-3-2W	window sill	140in2	
SP211-3-1W	floor	144in2	
SP211-3-2W	window sill	140in2	
SP212-3-1W	floor	144in2	
SP212-3-2W	Window Sill	140in2	
SP212-3(H)-1W	floor	144in2	
SP111-3-1W	floor	144in2	
SP111-3-2W	window sill	140in2	
SP110-3-1W	floor	144in2	
SP110-3-2W	window sill	140in2	
SP101-3-1W	floor	144in2	
SP101-3-2W	window sill	140in2	
SP104-3-1W	floor	144in2	
SP104-3-2W	window sill	140in2	
SP105-3-1W	floor	144in2	
SP105-3-2W	window sill	140in2	
SP109-3-1W	floor	144in2	
SP109-3-2W	window sill	140in2	
SP108-3-1W	floor	144in2	
SP108-3-2W	window sill	140in2	
SP112-3-1W	floor	144in2	

@Relinquished By: (Person) _____ **Date:** 7-13-09

10668

TAT (Turnaround) - Same day, 24 hr - 1 Day, 2 Days, 3 Days, 4 Days, 5 Days, 6-10 Days
*, **, ***, ****, +, ++ ,# Please Refer to Price Quote
^ If no box is checked, non-ASTM is assumed

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Please print all information legibly.

SAMPLE #	LOCATION	Air Volume, L Area, in^2	LAB #
SP112-3-2W	Window Sill	140 in^2	
SP102-3-1W	floor	144 in^2	
SP106-3-1W	floor	144 in^2	
SP106-3-2W	Window Sill	140 in^2	
SP100-3(H)-1W	floor	144 in^2	
SP100-3(H)-2W	Window Sill	140 in^2	
SP113-3-1W	floor	144 in^2	
SP113-3-2W	Window Sill	140 in^2	
SP103-3-1W	floor	144 in^2	
SP103-3-2W	Window Sill	140 in^2	
SP100-3-1W	floor	144 in^2	
DL1	Drip Line - outside (soil)		
Open1	Open soil - outside (soil)		

@Relinquished By: (Person) _____ **Date:** 7-13-09

Received at EMSL by: S Wilson **Date:** 7-14-09 900

Received at EMSL by: _____ **Date:** _____

Note: Please duplicate this form and use additional sheets if necessary.

@ The individual signing and relinquishing these samples to the laboratory attests to the accuracy of the information reported on this chain of custody.

Appendix H:
XRF raw data

Appendix I:
Total abatement cost estimate

ALEDA E. LUTZ
DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER
BUILDING 3
COST ESTIMATE FOR LEAD-BASED PAINT ABATEMENT / PAINT STABLIZATION

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options	Cost Estimate for lead-based paint abatement/paint stablization
				ROOM SP2-3							
13	3	SP2-3	PIPE	METAL	GRAY		27	4	POOR	Encapsulation of all Lead Based Paint	$400.00
14	3	SP2-3	PIPE	METAL	GRAY		16	4	POOR	Encapsulation of all Lead Based Paint	$400.00
15	3	SP2-3	PIPE	METAL/ASBESTOS INSULATION	GRAY		26 +/- 8	90	INTACT	Encapsulation of all Lead Based Paint	$9,000.00
18	3	SP2-3	CONDUIT	METAL	GRAY		2.0 +/- 0.5	8	INTACT	Encapsulation of all Lead Based Paint	$800.00
19	3	SP2-3	HANGER	METAL	GRAY		2.5 +/- 8.3	15 HANGERS	POOR	r Encapsulation of all Lead	$1,125.00
				ROOM SP7-3							
24	3	SP7-3	PIPE	METAL/ASBESTOS INSULATION	GRAY		13 +/- 5.2	65	INTACT	Encapsulation of all Lead Based Paint	$6,500.00
25	3	SP7-3	HANGER	METAL	GRAY		30 +/- 9	18 HANGERS	INTACT	Encapsulation of all Lead Based Paint	$1,170.00
26	3	SP7-3	CONDUIT	METAL	GRAY		2.2 +/- .7	5	INTACT	Encapsulation of all Lead Based Paint	$500.00
				ROOM SP6-3							
31	3	SP6-3	DOOR JAM	WOOD	WHITE	C	3.6 +/- 1.8	4	INTACT	Encapsulation of all Lead Based Paint	$400.00
32	3	SP6-3	PIPE	METAL/ASBESTOS INSULATION	GRAY		21 +/- 3.4	35	INTACT	Encapsulation of all Lead Based Paint	$3,500.00
33	3	SP6-3	HANGER	METAL	GRAY		18 +/- 7.7	9	INTACT	Encapsulation of all Lead Based Paint	$900.00
35	3	SP6-3	CONDUIT	METAL	GRAY		1.7 +/- .4	4	INTACT	Encapsulation of all Lead Based Paint	$400.00
				ROOM SP8-3							
44	3	SP8-3	PIPE	METAL	WHITE		5.1 +/- 1.8	11	INTACT	Encapsulation of all Lead Based Paint	$1,100.00
45	3	SP8-3	HANGER	METAL	WHITE		3.2 +/- 1.0	15	INTACT	Encapsulation of all Lead Based Paint	$1,500.00
46	3	SP8-3	PIPE	METAL/ASBESTOS INSULATION	WHITE		14 +/- 5.4	36	INTACT	Encapsulation of all Lead Based Paint	$3,600.00
47	3	SP8-3	CONDUIT	METAL	WHITE		3.1 +/- .09	4	INTACT	Encapsulation of all Lead Based Paint	$400.00
				ROOM SP3-3							
59	3	SP3-3	PIPE	METAL/ASBESTOS INSULATION	GRAY		15 +/- 6.2	50	INTACT	Encapsulation of all Lead Based Paint	$5,000.00
60	3	SP3-3	PIPE	METAL	ORANGE		3.9 +/- .06	6	INTACT	Encapsulation of all Lead Based Paint	$600.00
61	3	SP3-3	CONDUIT	METAL	GRAY		2.8 +/- .8	18	INTACT	Encapsulation of all Lead Based Paint	$1,800.00

ALEDA E. LUTZ
DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER
BUILDING 3
COST ESTIMATE FOR LEAD-BASED PAINT ABATEMENT / PAINT STABLIZATION

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options	Cost Estimate for lead-based paint abatement/paint stablization
65	3	SP3-3	ELECTRICAL BOX	METAL	GRAY	A	5.1 +/- 1.9	4	INTACT	Encapsulation of all Lead Based Paint	$400.00
70	3	SP3-3	CAGE	METAL	GRAY	C	2.4 +/- .6	100	INTACT	Encapsulation of all Lead Based Paint	$10,000.00
72	3	SP3-3	HANGER	METAL	GRAY		5.1 +/- 1.6	12	INTACT	Encapsulation of all Lead Based Paint	$1,200.00
ROOM SP4-3											
77	3	SP4-3	DOOR	WOOD	WHITE	C	4.3 +/- 1.2	20	INTACT	Encapsulation of all Lead Based Paint	$2,000.00
78	3	SP4-3	DOOR JAM	WOOD	WHITE	C	4.0 +/- 1.4	4	INTACT	Encapsulation of all Lead Based Paint	$400.00
79	3	SP4-3	PIPE	METAL	GRAY		5.1 +/- 1.7	4	INTACT	Encapsulation of all Lead Based Paint	$400.00
80	3	SP4-3	HANGER	METAL	GRAY		22 +/- 7.4	10	INTACT	Encapsulation of all Lead Based Paint	$1,000.00
81	3	SP4-3	CONDUIT	METAL	GRAY		2.9 +/- .8	21	POOR	Encapsulation of all Lead Based Paint	$2,100.00
82	3	SP4-3	PIPE	METAL/ASBESTOS INSULATION	GRAY		15 +/- 2.9	65	INTACT	Encapsulation of all Lead Based Paint	$6,500.00
ROOM SP5-3											
84	3	SP5-3	WINDOW FRAME	METAL	RED	B	1.4 +/- .3	2	POOR	Encapsulation of all Lead Based Paint	$200.00
ROOM SP1-3											
93	3	SP1-3	PIPE	METAL	GRAY		21 +/- 7.6	40	iINTACT	Encapsulation of all Lead Based Paint	$4,000.00
94	3	SP1-3	PIPE	METAL/ASBESTOS INSULATION	GRAY		28 +/- 8.4	45	POOR	Encapsulation of all Lead Based Paint	$4,500.00
97	3	SP1-3	PIPE	METAL	WHITE		12 +/- 2.5	51	POOR	Encapsulation of all Lead Based Paint	$5,100.00
98	3	SP1-3	PIPE	METAL/ASBESTOS INSULATION	WHITE		16 +/- 6.4	55	INTACT	Encapsulation of all Lead Based Paint	$5,500.00
102	3	SP1-3	CAGE	METAL	WHITE		1.7 +/- .4	100	INTACT	Encapsulation of all Lead Based Paint	$10,000.00
103	3	SP1-3	WINDOW SILL	CONCRETE	WHITE		2.0 +/- .9	2	INTACT	Encapsulation of all Lead Based Paint	$200.00
106	3	SP1-3	RADIATOR	METAL	WHITE		14 +/- 6.4	5	INTACT	Encapsulation of all Lead Based Paint	$500.00
107	3	SP1-3	WINDOW FRAME	METAL	GRAY		16 +/- 6.5	2	POOR	Encapsulation of all Lead Based Paint	$200.00
109	3	SP1-3	WALL	CONCRETE	GRAY	C	21 +/- 4	60	INTACT	Encapsulation of all Lead Based Paint	$6,000.00
110	3	SP1-3	WALL	CONCRETE	GRAY	D	22 +/- 8.6	100	INTACT	Encapsulation of all Lead Based Paint	$10,000.00
113	3	SP1-3	HANGER	METAL	WHITE		14 +/- 6.1	18	INTACT	r Encapsulation of all Lead	$1,800.00

ALEDA E. LUTZ
DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER
BUILDING 3
COST ESTIMATE FOR LEAD-BASED PAINT ABATEMENT / PAINT STABLIZATION

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Abatement Options	Cost Estimate for lead-based paint abatement/paint stablization
ROOM SP1-3(H)											
124	3	SP1-3(H)	CEILING (ABOVE STAIRS)	METAL	WHITE		2.1 +/- .5	90	POOR	Encapsulation of all Lead Based Paint	$9,000.00
131	3	SP1-3(H)	ELECTRICAL BOX	METAL	WHITE	B	5.1 +/- 1.8	1	POOR	Encapsulation of all Lead Based Paint	$100.00
132	3	SP1-3(H)	STAIR RISER	METAL	RED		3.0 +/- 1.3	45	POOR	Encapsulation of all Lead Based Paint	$4,500.00
133	3	SP1-3(H)	STAIR BASEBOARD	METAL	RED		5.1 +/- 1.8	25	POOR	Encapsulation of all Lead Based Paint	$2,500.00

SUBTOTAL COST ESTIMATE FOR BASEMENT = $127,195.00

ALEDA E. LUTZ
DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER
BUILDING 3
COST ESTIMATE FOR LEAD-BASED PAINT ABATEMENT / PAINT STABLIZATION

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Cost Estimate for lead-based paint abatement/paint stablization
ROOM SP200-3(H)										
117	3	SP200-3(H)	DOOR	WOOD	WHITE	B	2.6 +/- .6	25	INTACT	$2,500.00
120	3	SP200-3(H)	BASEBOARD	WOOD	WHITE	C	8.03 +/- 2.30	4	INTACT	$400.00
122	3	SP200-3(H)	CLOSET DOOR	WOOD	WHITE	D	4.38 +/- 1.39	25	INTACT	$2,500.00
125	3	SP200-3(H)	CLOSET SHELVES	WOOD	WHITE	D	3.7 +/- 1.3	25	INTACT	$2,500.00
ROOM SP209-3										
136	3	SP209-3	CLOSET SHELVES	WOOD	WHITE	A	4.9 +/- 1.5	30	INTACT	$3,000.00
138	3	SP209-3	BASEBOARD	WOOD	WHITE	B	7.6 +/- 3.1	23	INTACT	$2,300.00
140	3	SP209-3	WINDOW SILL	WOOD	WHITE	B	3.1 +/- 1.0	4	INTACT	$400.00
141	3	SP209-3	WINDOW FRAME	WOOD	WHITE	B	3.2 +/- .9	23	INTACT	$2,300.00
145	3	SP209-3	DOOR	WOOD	WHITE	D	7.1 +/- 2.0	25	INTACT	$2,500.00
ROOM SP208-3										
152	3	SP208-3	WINDOW SILL	WOOD	WHITE	A	4.3 +/- 1.2	5	INTACT	$500.00
153	3	SP208-3	WINDOW FRAME	WOOD	WHITE	A	3.4 +/- 1.1	35	INTACT	$3,500.00
157	3	SP208-3	BASEBOARD	WOOD	WHITE	B	6 +/- 2.1	23	INTACT	$2,300.00
158	3	SP208-3	CONDUIT	METAL	WHITE	A	4.9 +/- 1.8	2	INTACT	$200.00
161	3	SP208-3	DOOR	WOOD	WHITE	C	4.5 +/- 1.3	25	INTACT	$2,500.00
163	3	SP208-3	CLOSET DOOR	WOOD	WHITE	D	7.7 +/- 2.7	70	INTACT	$7,000.00
165	3	SP208-3	CLOSET DOOR SHELVES	WOOD	WHITE	D	5.1 +/- 1.8	20	INTACT	$2,000.00
ROOM SP206-3(H)										
170	3	SP206-3(H)	BASEBOARD	WOOD	WHITE	A	7.2 +/- 2.9	10	INTACT	$1,000.00
174	3	SP206-3(H)	DOOR	WOOD	WHITE	B	3.6 +/- 1.2	100	POOR	$10,000.00
177	3	SP206-3(H)	CLOSET DOOR	WOOD	WHITE	D	5.7 +/- 1.7	30	INTACT	$3,000.00
179	3	SP206-3(H)	CLOSET SHELVES	WOOD	WHITE	D	5.1 +/- 1.3	20	INTACT	$2,000.00

ALEDA E. LUTZ
DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER
BUILDING 3
COST ESTIMATE FOR LEAD-BASED PAINT ABATEMENT / PAINT STABLIZATION

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Cost Estimate for lead-based paint abatement/paint stablization
ROOM SP207-3										
187	3	SP207-3	WINDOW FRAME	WOOD	WHITE	A	4.3 +/- 1.5	8	INTACT	$800.00
189	3	SP207-3	WALL	PLASTER (WALLPAPER)	UNKNOWN	B	3.6 +/- 1.3	125	INTACT	$12,500.00
195	3	SP207-3	DOOR	WOOD	WHITE	C	4.0 +/- 1.3	25	INTACT	$2,500.00
ROOM SP211-3										
202	3	SP211-3	WINDOW SILL	WOOD	WHITE	C	4.0 +/- 1.2	2	INTACT	$200.00
203	3	SP211-3	WINDOW FRAME	WOOD	WHITE	C	7.3 +/- 2.8	12	INTACT	$1,200.00
206	3	SP211-3	BASEBOARD	WOOD	WHITE	D	7.9 +/- 3.3	20	INTACT	$2,000.00
ROOM SP206-3										
213	3	SP206-3	WINDOW FRAME	WOOD	WHITE	A	2.9 +/- 1.1	34	INTACT	$3,400.00
214	3	SP206-3	WINDOW SILL	WOOD	WHITE	A	5.6 +/- 1.7	5	INTACT	$500.00
216	3	SP206-3	BASEBOARD	WOOD	WHITE	A	6.4 +/- 2.0	28	INTACT	$2,800.00
ROOM SP212-3(H)										
227	3	SP212-3(H)	CLOSET DOOR	WOOD	WHITE	B	4.2 +/- 1.2	40	INTACT	$4,000.00
228	3	SP212-3(H)	CLOSET SHELVES	WOOD	WHITE	B	4.1 +/- 1.5	25	INTACT	$2,500.00
229	3	SP212-3(H)	BASEBOARD	WOOD	WHITE	B	8.4 +/- 3.2	5	INTACT	$500.00
ROOM SP203-4										
136	3	SP203-4	BASEBOARD	WOOD	WHITE	A	4.3 +/- 1.5	33	INTACT	$3,300.00
137	3	SP203-4	WINDOW SILL	WOOD	WHITE	A	5.2 +/- 1.8	6	INTACT	$600.00
138	3	SP203-4	WINDOW FRAME	WOOD	WHITE	A	3.4 +/- 1.2	36	INTACT	$3,600.00
140	3	SP203-4	CLOSET DOOR	WOOD	WHITE	B	3.8 +/- 1.3	45	INTACT	$4,500.00
144	3	SP203-4	DOOR	WOOD	WHITE	C	4.3 +/- 1.3	25	INTACT	$2,500.00
ROOM SP202-3										
11	3	SP202-3	CLOSET DOOR	WOOD	WHITE	A	3.36 +/- 1.00	75	INTACT	$7,500.00

ALEDA E. LUTZ
DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER
BUILDING 3
COST ESTIMATE FOR LEAD-BASED PAINT ABATEMENT / PAINT STABLIZATION

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Cost Estimate for lead-based paint abatement/paint stablization
13	3	SP202-3	CLOSET DOOR SHELVES	WOOD	WHITE	A	5.7 +/- 2	15	INTACT	$1,500.00
20	3	SP202-3	WINDOW SILL	WOOD	WHITE	C	4.8 +/- 1.6	2	POOR	$200.00
21	3	SP202-3	WINDOW FRAME	WOOD	WHITE	C	5.1 +/- 1.9	12	INTACT	$1,200.00
ROOM SP201-3										
39	3	SP201-3	WINDOW FRAME	WOOD	WHITE	C	4.5 +/- 1.6	12	INTACT	$1,200.00
40	3	SP201-3	WINDOW SILL	WOOD	WHITE	C	4.3 +/- 1.6	2	INTACT	$200.00
44	3	SP201-3	BASEBOARD	WOOD	WHITE	D	6.8 +/- 2.4	23	INTACT	$2,300.00
ROOM SP205-3										
56	3	SP205-3	WINDOW SILL	WOOD	WHITE	A	5.08 +/- 1.50	5	INTACT	$500.00
57	3	SP205-3	WINDOW FRAME	WOOD	WHITE	A	4.6 +/- 1.5	34	INTACT	$3,400.00
61	3	SP205-3	BASEBOARD	WOOD	WHITE	B	7.3 +/- 2.7	31	INTACT	$3,100.00
ROOM SP205-3(H)										
81	3	SP205-3(H)	BASEBOARD	WOOD	WHITE	C	4.9 +/- 1.9	10	INTACT	$1,000.00
82	3	SP205-3(H)	DOOR	WOOD	WHITE	A	4.4 +/- 1.7	80	INTACT	$8,000.00
85	3	SP205-3(H)	CLOSET DOOR	WOOD	WHITE	A	6.5 +/- 2.6	25	INTACT	$2,500.00
ROOM SP204-3										
92	3	SP204-3	WINDOW FRAME	WOOD	WHITE	A	4.3 +/- 1.5	10	INTACT	$1,000.00
99	3	SP204-3	DOOR	WOOD	WHITE	C	8.8 +/- 3.4	25	INTACT	$2,500.00
ROOM SP200-3										
106	3	SP200-3	WINDOW SILL	WOOD	WHITE	C	4.1 +/- 1.4	2	INTACT	$200.00
107	3	SP200-3	WINDOW FRAME	WOOD	WHITE	C	4.7 +/- 1.7	10	INTACT	$1,000.00
ROOM SP212-3										
241	3	SP212-3	WINDOW SILL	WOOD	WHITE	C	4.9 +/- 1.9	2	INTACT	$200.00
242	3	SP212-3	WINDOW FRAME	WOOD	WHITE	C	3.4 +/- 1.0	10	INTACT	$1,000.00

ALEDA E. LUTZ
DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER
BUILDING 3
COST ESTIMATE FOR LEAD-BASED PAINT ABATEMENT / PAINT STABLIZATION

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Cost Estimate for lead-based paint abatement/paint stablization
246	3	SP212-3	BASEBOARD	WOOD	WHITE	A	6.2 +/- 1.8	8	INTACT	$800.00
				ROOM SP210-3						
249	3	SP210-3	DOOR	WOOD	WHITE	A	4.9 +/- 1.6	25	INTACT	$2,500.00
252	3	SP210-3	BASEBOARD	WOOD	WHITE	B	5.8 +/- 1.9	20	INTACT	$2,000.00
253	3	SP210-3	CLOSET DOOR	WOOD	WHITE	B	6.4 +/- 2.4	60	INTACT	$6,000.00
255	3	SP210-3	CLOSET SHELVES	METAL	WHITE	B	5.1 +/- 1.9	30	INTACT	$3,000.00
258	3	SP210-3	WINDOW SILL	WOOD	WHITE	C	3.1 +/- 1.1	4	POOR	$400.00
259	3	SP210-3	WINDOW FRAME	WOOD	WHITE	C	4.1 +/- 1.4	23	INTACT	$2,300.00

SUBTOTAL COST ESTIMATE FOR 2ND FLOOR = $155,300.00

ALEDA E. LUTZ
DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER
BUILDING 3
COST ESTIMATE FOR LEAD-BASED PAINT ABATEMENT / PAINT STABLIZATION

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Cost Estimate for lead-based paint abatement/paint stablization
ROOM SP109-3										
6	3	SP109-3	WINDOW SILL	WOOD	WHITE	C	4.5 +/- 1.4	4	INTACT	$400.00
7	3	SP109-3	WINDOW FRAME	WOOD	WHITE	C	3.5 +/- 1.2	23	INTACT	$2,300.00
11	3	SP109-3	CLOSET DOOR	WOOD	WHITE	D	4.7 +/- 1.6	35	INTACT	$3,500.00
14	3	SP109-3	INSIDE CLOSET DOOR	WOOD	BROWN	D	5.8 +/- 1.6	35	INTACT	$3,500.00
15	3	SP109-3	CLOSET SHELVE	WOOD	WHITE	D	4.1 +/- 1.4	10	INTACT	$1,000.00
ROOM SP112-3										
27	3	SP112-3	WINDOW SILL	WOOD	WHITE	A	5.8 +/- 1.5	4	INTACT	$400.00
28	3	SP112-3	WINDOW FRAME	WOOD	WHITE	A	5.1 +/- 1.7	23	INTACT	2300
ROOM SP108-3										
58	3	SP108-3	WINDOW SILL	WOOD	WHITE	C	6.1 +/- 2.5	2	INTACT	$200.00
59	3	SP108-3	WINDOW FRAME	WOOD	WHITE	C	7.3 +/- 2.5	12	INTACT	1200
ROOM SP111-3										
67	3	SP111-3	WINDOW SILL	WOOD	WHITE	A	4.9 +/- 1.7	5	INTACT	$500.00
68	3	SP111-3	WINDOW FRAME	WOOD	WHITE	A	5.5 +/- 1.9	34	INTACT	$3,400.00
73	3	SP111-3	CLOSET DOOR	WOOD	WHITE	B	6.0 +/- 1.7	70	INTACT	$7,000.00
74	3	SP111-3	CLOSET SHELVES	WOOD	WHITE	B	3.9 +/- 1.4	36	INTACT	3600
ROOM SP110-3										
84	3	SP110-3	CLOSET DOOR FRAME	METAL	WHITE	A	1.5 +/- .5	17	INTACT	$1,700.00
86	3	SP110-3	CLOSET SHELVES	WOOD	WHITE	A	4.3 +/- 1.6	40	INTACT	$4,000.00
93	3	SP110-3	WINDOW SILL	WOOD	WHITE	C	4.6 +/- 1.7	4	INTACT	$400.00
94	3	SP110-3	WINDOW FRAME	WOOD	WHITE	C	5.6 +/- 1.9	23	INTACT	$2,300.00
99	3	SP101-3	WINDOW SILL	WOOD	WHITE	A	4.0 +/- 1.2	5	POOR	$500.00
101	3	SP101-3	WINDOW FRAME	WOOD	WHITE	A	4.7 +/- 1.7	34	INTACT	2550

ALEDA E. LUTZ
DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER
BUILDING 3
COST ESTIMATE FOR LEAD-BASED PAINT ABATEMENT / PAINT STABLIZATION

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Cost Estimate for lead-based paint abatement/paint stablization
ROOM SP104-3										
110	3	SP104-3	CLOSET DOOR	WOOD	WHITE	A	13 +/- 3.6	70	INTACT	$7,000.00
116	3	SP104-3	WINDOW SILL	WOOD	WHITE	C	3.9 +/- 1.2	4	INTACT	$400.00
117	3	SP104-3	WINDOW FRAME	WOOD	WHITE	C	4.1 +/- 1.2	23	INTACT	2300
ROOM SP105-3										
129	3	SP105-3	CLOSET DOOR	WOOD	WHITE	B	4.9 +/- 1.4	70	INTACT	$7,000.00
130	3	SP105-3	CLOSET SHELVES	WOOD	WHITE	B	6.0 +/- 1.9	15	INTACT	$1,500.00
132	3	SP105-3	WINDOW SILL	WOOD	WHITE	C	4.2 +/- 1.6	4	INTACT	$400.00
133	3	SP105-3	WINDOW FRAME	WOOD	WHITE	C	3.1 +/- 1.2	23	INTACT	2300
ROOM SP102-3										
154	3	SP102-3	HANGER	METAL	ORANGE		12 +/- 2.6	4	INTACT	$400.00
212	3	SP102-3	BASEBOARD	PLASTIC	BROWN	B	4.1 +/- 1.3	17	INTACT	1700
ROOM SP106-3										
163	3	SP106-3	WINDOW SILL	WOOD	WHITE	C	4.2 +/- 1.4	6	POOR	$600.00
164	3	SP106-3	WINDOW FRAME	WOOD	WHITE	C	4.2 +/- 1.3	20	INTACT	$2,000.00
167	3	SP106-3	CONDUIT	METAL	WHITE	D	1.2 +/- .3	2	INTACT	200
ROOM SP100-3(H)										
172	3	SP100-3(H)	STAIR BASEBOARD	WOOD	WHITE	D	5.1 +/- 1.8	20	INTACT	$2,000.00
178	3	SP100-3(H)	BANNISTER	METAL	WHITE		2.7 +/- 1.1	60	INTACT	$6,000.00
180	3	SP100-3(H)	WINDOW SILL	WOOD	WHITE	A	5.5 +/- 1.7	4	INTACT	$400.00
181	3	SP100-3(H)	WINDOW FRAME	WOOD	WHITE	A	5.0 +/- 1.7	15	INTACT	$1,500.00
184	3	SP100-3(H)	DOOR	WOOD	WHITE	B	5.9 +/- 1.9	50	INTACT	$5,000.00
186	3	SP100-3(H)	DECORATIVE MOLDING	WOOD	WHITE		3.0 +/- 1.2	3	INTACT	$300.00
191	3	SP100-3(H)	ROOF ACCESS HATCH	METAL	WHITE		5.1 +/- 1.8	6	INTACT	$600.00

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BUILDING 3
COST ESTIMATE FOR LEAD-BASED PAINT ABATEMENT / PAINT STABLIZATION

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Cost Estimate for lead-based paint abatement/paint stablization
194	3	SP100-3(H)	ROOF ACCESS HATCH	WOOD	GREEN		7.7 +/- 2.2	6	POOR	$600.00
195	3	SP100-3(H)	ROOF ACCESS FRAME	WOOD	GREEN		3.4 +/- 1.1	1	INTACT	$100.00
ROOM SP113-3										
198	3	SP113-3	WINDOW FRAME	WOOD	WHITE	A	4.3 +/- 1.3	13	INTACT	$1,300.00
206	3	SP113-3	BASEBOARD	VINYL	BROWN	C	3.0 +/- 1.3	14	INTACT	$1,400.00
ROOM SP103-3										
235	3	SP103-3	WINDOW SILL	WOOD	WHITE	A	3.8 +/- 1.4	5	POOR	$500.00
236	3	SP103-3	WINDOW FRAME	WOOD	WHITE	A	5.8 +/- 2.0	34	INTACT	$3,400.00
239	3	SP103-3	BASEBOARD	VINYL	BROWN	C	5.1 +/- 1.6	20	INTACT	$2,000.00
ROOM SP100-3										
255	3	SP100-3	BANNISTER	METAL	WHITE	D	1.1 +/- .3	5	INTACT	$500.00
261	3	SP100-3	CEILING (DECK)	METAL	WHITE		1.8 +/- .6	50	INTACT	$5,000.00
262	3	SP100-3	RAFTER	METAL	WHITE		9.1 +/- 2.5	35	INTACT	$3,500.00
263	3	SP100-3	CEILING (DECK)	METAL	ORANGE		2.9 +/- .09	45	INTACT	$4,500.00
264	3	SP100-3	RAFTER	METAL	ORANGE		1.6 +/- .3	18	INTACT	1800

SUBTOTAL COST ESTIMATE FOR 1ST FLOOR = **$106,950.00**

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BUILDING 3
COST ESTIMATE FOR LEAD-BASED PAINT ABATEMENT / PAINT STABLIZATION

XRF Sample Number	Building Number	Room Number	Building Component	Substrate	Color	Location (A,B,C,D)	Lead Results (mg/cm2)	Quantity - Positive Only (sq. ft.)	Damage	Cost Estimate for lead-based paint abatement/paint stablization
283	3	OUTSIDE	POLE	METAL	BLACK	A	5.1 +/- 1.6	20	INTACT	$2,000.00
284	3	OUTSIDE	POLE	METAL	GRAY	A	8.4 +/- 2.5	1	INTACT	$100.00
292	3	OUTSIDE	METAL PLATE (ABOVE POLES)	METAL	BLACK	A	3.4 +/- 1.0	2	INTACT	$200.00
293	3	OUTSIDE	CEILING	CONCRETE	WHITE	A	18 +/- 7.6	70	INTACT	$7,000.00
296	3	OUTSIDE	WINDOW	METAL	RED	B	5.1 +/- 2.0	10	INTACT	$1,000.00
299	3	OUTSIDE	HANDRAIL CAGE	METAL	BLACK	C	5.1 +/- 2.0	80	POOR	$8,000.00
303	3	OUTSIDE	VENT BOARD	METAL	RED	C	3.4 +/- 1.0	4	INTACT	$400.00
304	3	OUTSIDE	METAL SQUARE	METAL	RED	D	4.8 +/- 1.9	2	INTACT	$200.00
								SUBTOTAL COST ESTIMATE FOR OUTSIDE =		$18,900.00

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